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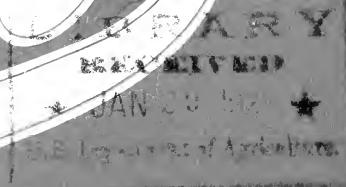
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A NAME WELL KNOWN TO FARMERS ALL OVER AMERICA

62.79

Disco



1929



TWENTY SECOND
SEED
ANNUAL

DAKOTA IMPROVED SEED CO.
BREEDERS AND GROWERS OF PEDIGREED FARM AND GARDEN SEED
Mitchell, South Dakota



RICHARD BURN
President

DISCO HISTORY

A Bigger, Better Crop Story

In the year 1906, just 22 years ago, a movement was started in South Dakota, which had for its objective the production and distribution of better seeds. A group of forward looking citizens—Farmers, Merchants and Bankers, under the leadership of Prof. W. A. Wheeler, banded themselves together and formed the Dakota Improved Seed Company, adopting as their trade mark *Disco* which has since become famous all over the country as the sign of good seeds. They were pioneers in a movement for better seeds, which has spread over the whole of this great continent, and is now finding its expression in the splendid work of the Crop Improvement Associations which have been formed in nearly every state in the union.

Eight years ago, Richard Burn, whose life work has been the production and distribution of seeds, was attracted to the Dakota Improved Seed Company by the splendid reputation it had and the good work it was doing.

Mr. Burn's association with the company brought to it a wealth of experience and sound business judgment, and the company has made wonderful progress since he took up the reins, necessitating increased facilities and floor space several times, the latest development being the opening of a Branch House at Emmetsburg, Iowa.

A Seed Message to My Many Thousands of Farmer Friends and Customers

SERVICE

IT IS mighty difficult to intelligently convey to our friends just what is involved in that little word service, when related to the growing, assembling, refining and distributing of seeds. Suffice it to say, that the ability to render the service we have been giving for the past 22 years, does not just happen, but is the result of a well organized and carefully planned program, carried through by men of experience, enthusiasm, loyalty and high ideals.

All our energies, of both brain and brawn, are devoted to the work of giving you well grown, well cleaned and well adapted seed, that will make you money and make you our friend and loyal customer.

We wish you would visit us. We would like to show you what we are doing, to insure that you will get the very best seeds that money can buy. We have many thousands of dollars invested in equipment and believe you would be intensely interested in visiting our plant and I will be delighted to meet you.

Yours very truly,

RICHARD BURN, President.

LAKOTA IMPROVED SEED COMPANY.

Farmers all Over America Plant DISCO Seeds

A few days ago a representative of one of the leading Farm Journals called to see me in my office, and in the course of conversation he asked, "Where do you ship your seeds to? What do you consider your territory?" We replied, "Our seeds are shipped all over the United States and into Canada and from time to time, we ship special orders to foreign lands. Not very long ago we made a shipment of Seed Corn to far off New Zealand." Such orders, of course, we receive through the kind recommendations of our customers, which we surely appreciate.

Disco

A Good Name Well Known

For 22 years has signified the best in seeds.
Grow Well Because They Are Well Grown.
To insure prompt attention address all orders to the firm,
not to individuals. :: Use order sheet at end of catalog.

Special Price Sheet

Prices are effective January 1, 1929, and are based on values at time of issue, F. O. B. Mitchell, S. D., subject to prior sale and market change. Write for special prices on large quantities. All seeds are sold on the basis of the Disco Guarantee, printed on page 1 of the 1929 catalog. We expect prices will advance, and recommend early ordering. If no Agent at your station, add sufficient to prepay freight or express. If you remit too much surplus will be promptly refunded. If required by parcel post, your Postmaster will tell you in what zone from Mitchell you are located so that you may include correct postage with your remittance.

Our Co-operative Plan: In view of high freight rates we are anxious to co-operate with our customers to enable them to combine together in a co-operative way and make up carload shipments. This not only saves freight, but also insures more prompt and safe delivery, as in carload lots the bags are loaded into the cars at our warehouse and go right through to destination without change. To enable our customers to do this, we will reserve orders at current prices, when orders are received, on payment of 25% of the value, the balance to be paid before shipment is made. We make this concession to encourage co-operative orders and early ordering. This will apply only on orders received before March 15th, 1929, and they must be completed not later than April 15th, 1929. Get together! Co-operate with a firm that has given you good service in the past and aims to serve you better in the future. Should prices have changed when your is received, if lower, we will refund balance; if higher, we will either reduce your order to the amount remitted, or ship C. O. D. for the balance, as you prefer.

ALFALFA. Bountiful crops are being harvested all over the United States and Canada from fields sown with DISCO ALFALFA SEED. DISCO Hardy Alfalfa is a household word with successful Alfalfa growers.

Current Prices, January 1, 1929, F. O. B. Mitchell, S. D. No Cartage Charges.

ALL OUR ALFALFAS ARE SHIPPED OUT IN SEALED BAGS. LOOK FOR THIS SEAL WHICH INSURES GENUINENESS.

ALFALFA—60 lbs. per bushel.

	100 Lbs.	50 Lbs.	25 Lbs.	1 Lb.	100 Lb. Price Per Bu
Grimm, Sunshine Brand, Growers Affidavit	\$40.00	\$21.00	\$11.00	\$0.48	\$24.00
Grimm, Emerald Brand, Growers Affidavit	42.00	22.00	11.50	.50	25.20
Grimm, Disco Brand, Growers Affidavit	45.00	23.50	12.50	.53	27.00
Grimm, Official Sealed and Certified Red Tag	47.00	24.50	12.75	.55	28.20
Grimm, Official Sealed and Certified Blue Tag	50.00	26.00	13.50	.58	30.00
Grimm, No. 19A Disco Brand	50.00	26.00	13.50	.58	30.00
Baltic, Disco Brand	49.00	25.50	13.25	.57	29.40
Baltic, No. 11C Disco Brand	50.00	26.00	13.50	.58	30.00
Cossack, Sunshine Brand, Growers Affidavit	43.00	22.50	11.75	.51	25.80
Cossack, Emerald Brand, Growers Affidavit	45.00	23.50	12.25	.53	27.00
Cossack, Disco Brand, Growers Affidavit	47.00	24.50	12.75	.55	28.20
Cossack, Official Sealed and Certified Red Tag	48.00	25.00	13.00	.56	28.80
Cossack, Official Sealed and Certified Blue Tag	50.00	26.00	13.50	.58	30.00
Registered Disco 28	38.00	20.00	10.50	.46	22.80
Dakota No. 12 Sunshine Brand	31.00	16.50	8.75	.39	18.60
Dakota No. 12 Emerald Brand	33.00	17.50	9.25	.41	19.80
Dakota No. 12 Disco Brand	36.00	19.00	10.00	.44	21.60
Black Hills Common, Disco Brand	34.00	18.00	9.50	.42	20.40

Alfalfa Screenings for sowing with small grains as fertilizer, see page 4.

SACK PICKED, RACK DRIED, EAR TESTED SEED CORN—Shelled and Graded—56 lbs. per bushel.

DAKOTA GROWN SEED CORN

Shelled and Graded—
56 lbs. per bushel.

	10 Bushels or More Per Bu.	5 Bushels or More Per Bu.	1 Bu.
DISCO Special	\$3.00	\$3.25	\$3.50
Disco Pride	5.00	5.25	5.50
Early Murdock	2.90	3.15	3.25
Golden Glow	2.90	3.15	3.25
Minnesota No. 15	3.00	3.25	3.50
Pride of the North	3.00	3.25	3.50
Wimples	2.90	3.15	3.25
Reid's	2.90	3.15	3.25

White Dent Varieties

Disco 90-Day	3.00	3.25	3.50
Silver King	2.90	3.15	3.25

Northwestern Red Dent

	3.00	3.25	3.50
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Flint Varieties

Disco White	3.00	3.25	3.50
Gehu Yellow	3.00	3.25	3.00
Longfellow Yellow	3.00	3.25	3.50
Rainbow	2.50	2.75	3.00
Squaw	2.50	2.75	3.00

Disco Fodder Corn

Evergreen Sweet (46 lbs.)	2.50	2.75	3.00
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CLOVERS—60 lbs. per bu.

	100 Lbs.	50 Lbs.	25 Lbs.	1 Lb.	Per Bu.
White—Biennial, Hulled and Scarified.	\$ 8.00	\$ 4.25	\$ 2.25	\$0.14	\$ 4.80
White Blossom, Sunshine Brand.	9.50	5.00	2.65	.15	5.70
White Blossom, Emerald Brand.	10.00	5.25	2.75	.16	6.00
White Blossom, Disco Brand.	8.50	4.50	2.40	.14	5.10
Yellow Blossom, Sunshine Brand.	9.50	5.00	2.65	.15	5.70
Yellow Blossom, Emerald Brand.	10.50	5.50	2.90	.16	6.30
Yellow Blossom, Disco Brand.	8.00	4.25	2.25	.14	4.80
Grundy County Sunshine Brand.	9.50	5.00	2.65	.15	5.70
Grundy County, Emerald Brand.	10.00	5.25	2.75	.16	6.00
Grundy County, Disco Brand.	23.50	12.25	6.40	.29	14.10

DAKOTA IMPROVED SEED CO., Mitchell, S. D.

(Read the Other Side)



**Special Price Sheet
FOR EARLY ORDERS**

Subject to Prior Sale and Market Change.
Read Other Side Before Ordering.

Current Prices, January 1, 1929, F. O. B. Mitchell, S. D. No Cartage Charges.

CLOVERS—Continued

	100 Lbs.	50 Lbs.	25 Lbs.	1 Lb.	Per Bu.
Medium Red, Emerald Brand.	\$36.00	\$19.00	\$10.00	\$0.44	\$21.60
Medium Red, Disco Brand.	37.00	19.50	10.25	.45	22.20
Mammoth Red, Emerald Brand.	37.00	19.50	10.25	.45	22.20
Mammoth Red, Disco Brand.	38.00	20.00	10.50	.46	22.80
Alsike or Swedish, Emerald Brand.	36.00	19.00	10.00	.44	21.60
Alsike or Swedish, Disco Brand.	37.00	19.50	10.25	.45	22.20
White or Dutch, Emerald Brand.	38.00	20.00	10.50	.46	22.80
White or Dutch, Disco Brand.	40.00	21.00	11.00	.48	24.00

INOCULATING CULTURE—See page 30.

DISCO SELECTED MILLETS—50 lbs. per bushel.

	100 Lbs.	50 Lbs.	25 Lbs.
Common, Disco Brand	\$ 3.50	\$ 2.00	\$ 1.10
Dakota Kursk, Disco Brand	3.50	2.00	1.10
Siberian, Disco Brand	3.50	2.00	1.10
Golden or Liberty (German) Disco Brand	3.50	2.00	1.10
Hog or Broom Corn, Disco Brand	3.00	1.65	1.00
Proso, Disco Brand	3.00	1.65	1.00
Early Fortune, Disco Brand	3.00	1.65	1.00
Japanese or Billion Dollar Grass, Disco Brand (36 lbs. per bu.)	7.00	3.75	2.00

DISCO SELECTED GRASS SEEDS

Timothy, Emerald Brand	6.50	3.50	1.90
Timothy, Disco Brand	7.00	3.75	2.00
Awlless Brome—Disco Brand	14.00	7.50	4.00
Western Rye Grass, Disco Brand	12.00	6.50	3.50
Meadow Fescue or English Blue, Disco Brand	22.50	11.75	6.15
Red Top (Solid Seed), Disco Brand	22.00	11.50	6.00
Kentucky Blue, Emerald Brand	35.00	18.50	9.75
Kentucky Blue, Disco Brand	37.00	19.50	10.25
Canadian Blue, Disco Brand	24.00	12.50	6.50
Perennial Rye Grass, Disco Brand	14.00	7.50	4.00
Orchard Grass or Cocksfoot, Disco Brand	20.00	10.50	5.50

DISCO SELECTED MIXTURES

Disco Permanent Pasture Mixtures	20.00	10.50	5.50
Timothy and Alsike, Mixed	12.00	6.50	3.50
Timothy and Red Clover, Mixed	12.00	6.50	3.50

DISCO FORAGE SOILING CROPS

Rape, Dwarf Essex Rape, No. 1 Seed, DISCO Brand	9.00	5.00	2.75
Sunflower, Russian Giant, DISCO Brand	12.00	6.50	3.50
Early Amber Fodder Cane, DISCO Brand	3.50	2.00	1.25
Amber Sorghum Cane, DISCO Brand	4.50	2.50	1.50
Sudan Grass, DISCO Brand	7.00	4.00	2.25
Feterita, DISCO Brand	4.00	2.25	1.25
Kaffir Corn, DISCO Brand	3.50	2.00	1.25
Milo Maize, DISCO Brand	3.50	2.00	1.25

DISCO SELECTED SEED GRAINS, ETC.

Beans—

Great Northern, DISCO Brand	10.00	5.50	3.00
Navy, DISCO Brand	10.00	5.50	3.00
Soy or Soja Beans, All strictly Northern grown.			
Early Black, DISCO Brand	5.50	3.00	1.75
Manchu, DISCO Brand	5.50	3.00	1.75

Buckwheat—

Japanese, DISCO Brand	4.50	2.50	1.40
Silver Hull, DISCO Brand	4.50	2.50	1.40

FIELD PEAS

Canada Field, DISCO Brand	6.00	3.50	2.00
Cow Peas—New Era, DISCO Brand	7.00	4.00	2.25
Speltz, DISCO Brand	2.50	1.50	.90

BARLEY

Improved White Hulless, DISCO Brand	\$ 1.90	\$ 1.95	\$ 2.00
Odessa, DISCO Brand	1.40	1.45	1.50
Velvet, DISCO Brand	1.25	1.30	1.35

OATS

Gopher, DISCO Brand	.80	.95	1.00
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FLAX—56 lbs. per bushel.

N. D. Wilt Resistant	3.25	3.50	3.60
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SPRING WHEAT—60 lbs. per bushel.

Ceres, DISCO Brand	2.10	2.25	2.35
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DAKOTA IMPROVED SEED CO., Mitchell, S. D.

(Read the Other Side)

Bank References

National Bank of Republic,
Chicago, Ill.
First National Bank,
Chicago, Ill.
First National Bank,
Minneapolis, Minn.
Mitchell National Bank,
Mitchell, S. D.
The National Bank,
Emmetsburg, Ia.

Members

Western
Seedsmen's
Association,
So. Dak.
Crop Improve-
ment Ass'n



Disco

The DAKOTA IMPROVED SEED COMPANY guarantees the seed it sells to be as represented as to quality and germination. *All our seeds are tested and nothing that does not reach a high standard is distributed.* In spite of this, we stand ready to replace or refund the money paid for any seeds sent out by us which upon arrival are not entirely satisfactory. *We do not insure a crop from seeds purchased, either as to description, productiveness or any other matter, because of the many factors which influence a crop and which are entirely beyond our control, and acceptance of the seed will be interpreted as an acceptance of these conditions by the buyer.* *All sales are therefore based on this understanding and it is further understood that in no case shall the liability of the company exceed the price paid for seed.*

DAKOTA IMPROVED SEED CO.
Mitchell, S. D. -- Emmetsburg, Ia.

BE SURE TO ORDER EARLY.

See Order Sheet at Back of Book.

Postage Paid on Vegetable and Flower Seeds

Postage paid on all Vegetable and Flower Seeds unless otherwise stated. Orders for Alfalfa, Corn, Grasses and everything else listed in our book if required by parcel post must have postage added.

10% EXTRA VALUE GIVEN ON EARLY ORDERS FOR VEGETABLE AND FLOWER SEEDS

For the purpose of encouraging early ordering, we will allow a discount of 10% on all orders received before March 1st. With each dollar's worth of Vegetable or Flower Seeds ordered during January or February, we will include entirely free an extra 10c worth. Select whatever you want and add it to your order. Order early and get the discount.

Disco

Hardy Alfalfa

Grown in the Black Hills of South Dakota and Wyoming
Under Dry Land Conditions

The Most Profitable Crop on the Farm---

Seed Crop is the smallest for many years

The Alfalfa seed crop in South Dakota and Wyoming, and in fact, all northern states, including Canada, is again very short, the crop being even less than last year. Our close touch with the situation coupled with our long experience with Alfalfa enabled us to sense conditions very early and we immediately laid plans to use every known effort to secure all the seed possible, aiding and encouraging our growers to save everything possible, when the very small yield obtained, made it most discouraging. As a result of our efforts, we have assembled in our warehouse, a very creditable lot of seed, both as to quality and quantity in view of the very short crop. We have held prices down lower than we really should in view of the high cost of assembling as compared to normal years. The seed is one of the least expensive items in securing a good Alfalfa patch, but at the same time, one of the most important, and using unsuitable seed may dissipate all of the other expenditures. No matter what seed you sow, the land costs the same, the preparation costs are the same and if you take a chance on unsuitable seed, you may lose all you have spent and have to do it all over again. "Don't spoil the ship for the half-penny worth of tar."

Alfalfa Seed of Known Origin

Progressive American farmers, from their own observation, and encouraged by the careful trials undertaken by the various State Experiment Stations, and the United States Department of Agriculture, are becoming more and more convinced of the necessity of taking cognizance of origin.

We were pioneers in the movement to sell seeds of Known Origin and have, from time to time, made extensive trials to determine the sources from which seeds best suited to your requirements, are grown.

Our Growing Fields are Located in the Heart of the Very Best Alfalfa Growing District

Our splendid location, right in the heart of the very best growing district, and our constant close touch with growing crops, places us in a unique position to select the very finest stocks that the country produces. These stocks are brought direct from the farms where they have been grown

to our own up-to-date Cleaning Plant, and from there distributed by us all over the continent. This enables us not only to give the very finest possible seed, but we are also in a position to supply choice seed at a remarkably low price.

You are sure to get the Genuine variety of Alfalfa when you buy from the **Dakota Improved Seed Co.**

Safeguards

In no business or profession in the world does the integrity and reliability of the vendor loom so large as in the seed business and possibly no single variety of seed has been more substituted with resultant loss to the buyer than Alfalfa. As a safeguard to our customers, we adopted, some years ago, the plan of sealing our Alfalfa with the Disco Seal.

Look for the Seal



The popularity and superiority of Disco Alfalfa has caused many unscrupulous dealers to attempt to substitute. Instances have frequently come to the attention of our salesmen where intending planters have been told that they could be supplied with our seed, or just as good, practically the same, and so on. Discriminating buyers will insist on the genuine Disco, to be obtained direct or from authorized Disco dealers. For your protection and our own every bag of Registered Disco Alfalfa will have a seal bearing the Disco Brand, our registered trade mark. Look for this, without which none are genuine.

Verified Origin

As an additional safeguard, through arrangement with the U. S. Department of Agriculture, under which our stock records are inspected and supervised by that Department, we are authorized to issue verified origin certificates for Alfalfa seed sold by us, the locality of production of which has been verified by a Federal Inspector. Disco Alfalfa can be supplied with verified origin certificate.

The unusually short crop, which will undoubtedly mean that there will not begin to be enough South Dakota and Wyoming grown seed to supply a normal demand, will constitute quite a strong temptation, in some quarters, to practice substitution and we, therefore, recommend that buyers of Alfalfa Seed insist on Verified Origin seed, having a certificate attached to the sack like that illustrated on this page.



**VERIFIED-ORIGIN SEED CERTIFICATE
ISSUED BY AUTHORITY OF THE
United States Department of Agriculture**

This is to certify that the lot of seed of which this is a part has been verified as to origin and identity by a Federal Seed Inspector and that the facts stated below are in conformity with those given on the certificate or certificates issued by him, as shown by our records.

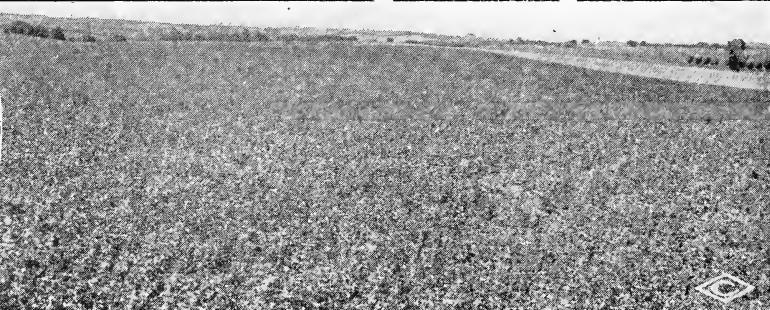
Kind of Seed..... Lot No.
Where grown.....

DAKOTA IMPROVED SEED CO.

Mitchell, South Dakota

Disco Hardy Alfalfa

Grown in the Black Hills of South Dakota and Wyoming
Under Dry Land Conditions



No matter where you buy it or what you pay for it you cannot buy better seed!

Hardy and Non-Hardy—the Difference

There is a vast difference between hardy Alfalfa and just Alfalfa.

There are naturally two distinctive kinds of Alfalfa. One which is termed common Alfalfa, having one long tap root and the plant producing nearly a true purple and blue flower. There are hardy and non-hardy strains of the common Alfalfa. For instance, seed coming from the South, in Kansas and Missouri will not stand the severe winters of the North.

The Southern seed may make a wonderful growth the first season, but on account of its being a non-hardy Southern grown plant, it naturally winter-kills. The hardy Dakota grown seed is acclimated to the rigid winters of the North. It is grown in a territory with a wide range of temperatures and a small amount of moisture and must be hardy to survive.

The second distinctive variety of Alfalfa is commercially known as the Variegated Alfalfa. This variety has a variegated blossom and a branched or spreading root system. The crown of the plant is naturally larger and grows more underground. There are many different strains of this variety. The hardest of all and without a doubt the best and most favorably known strains are the Baltic, Grimm, Cossack and Disco 28 Alfalfa. These are known the world over as being the hardest Alfalfas in every respect. They have an immense spread of crown, with the underground buds protected by the soil and grow in such a way as to withstand the severe winter weather without a snow covering. The wonderful branches or spreading root system enables it to stand the heaving of the ground from frost in the spring—enables the plant to draw more moisture in dry seasons—makes a more desirable plant to grow on land where the water level is too high for common Alfalfa. In fact, the Baltic Grimm, Cossack and Disco 28 Alfalfas with their special selections are the hardest, most desirable, most productive strains of Alfalfa to be had.

Disco Alfalfa Backed by a 20-Year Pedigree

Over twenty years have passed since the work of developing pedigreed strains of hardy Alfalfa was begun by Prof. W. A. Wheeler at Brookings and Highmore Agricultural Stations, South Dakota.

As a result of this work there has been produced a number of strains of Alfalfa that show a decided superiority over the common Alfalfas as well as over the parent stocks from which the pedigreed strains were selected and developed.

When Prof. Wheeler organized the Dakota Improved Seed Company in 1906 he continued the work of special plant selection and breeding of pedigreed Alfalfas. This was the first work of its kind in the country and we know of no other commercial organization in the world conducting the kind of investigational work with Alfalfa that we have done.

It is just as important to know the kind of Alfalfa you plant as it is to know the kind of corn, wheat, oats or any other farm crop—in fact it is more important because a single seeding of Alfalfa lasts for several years (if you plant Disco Registered Alfalfa Seed), while grains are merely one-year crops. Instead of buying just Alfalfa seed, buy Disco-Baltic, Disco-Grimm, Disco 28, Disco 19A, or any other Disco registered number, and thus be able to know just what you are getting and be able to secure more seed of the same number or its equivalent later.

A seeding of ten to twelve pounds per acre of Disco Registered Alfalfa Seed invariably gives greater returns than fifteen to twenty pounds of ordinary commercial Alfalfa. The cost per pound of seed may be more, but the lighter seeding required and the greater returns from Disco Registered Seed make your profits nearly double.

FOR SPECIAL PRICES SEE COLORED SHEET OPPOSITE FRONT PAGE.

**INOCULATE THIS
SEED WITH
STIMUGERM**

**INOCULATE THIS
SEED WITH
STIMUGERM**

Disco Hardy Alfalfa

Varieties that have Stood the Test

In the course of our breeding and selecting work many varieties and selections of Alfalfa were developed, as in all work of this kind. Time and experience suggested the elimination of many, as not being sufficiently distinct to warrant their continuance as distinct varieties, the following list, we believe, to be a selection from which you can select a variety that will serve your purpose no matter where you are located. We will gladly help you in your selection.

SAFEGUARDS AS TO VARIETY

What has been said on another page as to origin, may be stated with equal force as to variety.

GRIMM COSSACK AND BALTIC ALFALFA—It has been our practice for many years to supply our customers with the above varieties of Alfalfa, supported by our affidavit as to genuineness. Our long experience, specializing in Alfalfa and our very close association with the growers and actual inspection of the growing fields by our own men, enabled us to give our clients unique service in this direction; a service that has been appreciated as evidenced by the rapid increase in our business.

ANOTHER SAFEGUARD

We are glad to welcome another SAFEGUARD in the matter of genuineness of Grimm and Cossack Alfalfa, viz., the official sealing by the South Dakota Crop Improvement Association of which we are members and authorized cleaners and the State Department of Agriculture of Wyoming. We are glad to give this movement our support as all of these safeguards make it harder for the unscrupulous to practice deception and relieve the honest dealer of a species of very unfair competition.

GRIMM. The history of the Grimm Alfalfa is a very pretty story.

Some sixty years ago Wendelin Grimm and his wife were immigrants in this country from Germany. In their fatherland Mr. Grimm had been growing Alfalfa and realized the vast importance of the crop. When they started out in their search for a new home they carried with them some twenty pounds of the famous Alfalfa seed. This they planted at their new home in Carver County, Minnesota.

There were not a few mishaps and difficulties met with, but Mr. Grimm, being a very thorough and careful man, succeeded in mastering these difficulties. He found the soil conditions different from his former home, as well as different weather conditions.

These had a great deal to do with the increased amount of difficulties he encountered when trying to establish his Alfalfa field. It was nip and tuck for several years, but after about eight or nine years he succeeded in getting his first real seed crop.

A few years later some of the common type of Alfalfa had worked its way into Minnesota, only to be entirely killed out three years out of five. By this time Mr. Grimm had his field of Alfalfa well established so the severe winters and hot, dry summers had no effect on it. This showed up the real worth of the hardy Grimm type.

DISCO BALTIC. A comparatively new variety of hardy Alfalfa, very similar to Grimm, and rapidly being established in the esteem of all growers.

In describing the Baltic Alfalfa, the authorities of the U. S. Department of Agriculture, Bulletin No. 757, have this to say: "While the Baltic differs slightly from the Grimm in some minor details, the two are so similar that it is seldom possible to distinguish one from the other. This variety is recommended for sections where the ordinary strains suffer considerable loss through winter-killing. This includes practically the same territory to which the Grimm is adapted, that is, the New England States, the greater part of New York, Michigan, Wisconsin and Minnesota; the northern Great Plains States and the northern part of Pennsylvania, New Jersey, Ohio, Indiana, Illinois and Iowa. As in the case of Grimm Alfalfa, the quantity of Baltic seed produced in the United States is rather limited and the same precautions are necessary in purchasing it."

The Dakota Improved Seed Co. are the promoters and originators of the Baltic Alfalfa. Therefore, when you place your order with them for this variety of Alfalfa, you can rest assured you will get the original Disco-Baltic Alfalfa seed.

COSSACK. We believe Cossack is a hardy variety, and suited to the northern sections, not any harder than Baltic or Grimm, but there may be districts where it would excel. We consistently refused to recommend it to our customers while it was being sold at what we considered exorbitant prices, but now that seed is becoming more plentiful, and consequently more moderate in price, we have provided ourselves with some excellent seed, guaranteed to be the true variety, and we recommend a trial.

DISCO GRIMM 19A is a special selection from the Grimm that excels its parent plant in many ways.

From the hundreds of individual trials carried on in our Alfalfa nursery there were selected plants, which stood out distinctly as being heavy seeders, erect and strong in habit of growth, and producing many leafy branches. Plants with a large productive crown, underlaid with a strong and spreading or branch root system. By special selection of this type of plant we have developed a worth while pedigree stock of DISCO 19A, an Alfalfa strain with a known parentage.

DISCO BALTIC No. 11C from the Baltic has proven itself to be the hardiest of the hardy. This strain is a revelation in perfect and hardy Alfalfa. It is drought resistant to a marked degree. Recovers quickly after cutting. An exceptionally large and free stooling plant yielding an abundance of leafy hay. For seed production it has a record of its own. On one acre where DISCO BALTIC 11C was seeded in rows three feet apart it produced two hundred and eighty-six pounds of seed.

REGISTERED DISCO No. 28. This has proved the most universally popular and useful of our Registered Stocks. The testimonials we have received regarding it have been very satisfactory indeed. It has

resisted winter-killing in the northern sections, where freezing and thawing are prevalent, and in other sections, where the water level is somewhat high, it has continued to grow where the common tap-root type has completely disappeared. It has, also, owing to its bushy habit of growth, yielded a heavier crop of hay than the common variety.

DAKOTA No. 12. A native of the Black Hills district, giving excellent results to many of our customers.

BLACK HILLS COMMON—Grown in the Black Hills of Wyoming at an altitude of 4,000 feet and upwards, under dry land conditions. Grown on new land. This seed is of unusually high purity and well matured. We recommend it very highly.

Sow Alfalfa Seed as a Fertilizer Crop

at a Cost of Only 25 to 50 Cents per Acre.

The practice of sowing Alfalfa seed with all small grain and also with all grass crops in addition to the fertilizer value serves to inoculate your whole farm with Alfalfa bacteria so that when you wish to grow Alfalfa the land will be more than ready for it.

We offer Alfalfa screenings and tailings for this purpose while they last at \$5.00, \$6.00, \$7.00, \$8.00 and \$10.00 per 100 pounds according to quality. Bags 40c each extra. Not less than 100 pounds will be supplied to any one person at these prices. Samples and special offers on request.

FOR SPECIAL PRICES SEE COLORED SHEET OPPOSITE FRONT PAGE.

Disco Sweet Clover

Highest Grade, Thoroughly Recleaned

Sweet Clover is now recognized by most farmers of the Northwest as one of their most valuable and staple crops. Because it provides early pasture, makes an abundance of good hay almost equal value to Alfalfa hay, is a great drouth resister, is unexcelled as a green manure crop, enriches the soil and smothers out weeds, makes the soil conditions right for the growing of Alfalfa, produces above an average income from the seed crop, and is considered one of the best bee pastures.

There is a good supply of high quality seed this year, and we believe the prices are reasonable. It is our desire to see farmers take advantage of growing this most wonderful plant and prove for themselves as others have found it to be one of God's choicest gifts to mankind.

For more detailed information on the subject we refer you to the Bulletins listed on the following page, which may be secured free from the U. S. Department of Agriculture.

Inoculation

**INOCULATE THIS
SEED WITH
STIMUGERM**

In case the land has not previously grown either Alfalfa or Sweet Clover of the leguminous family, it will be necessary to inoculate the seed before sowing. For best results we refer you to our Stimugerm, listed on page 30.



Sweet Clover is hard to beat as soil builder. Makes fine hay and pasture, too.

Scarification

It is a proven fact that Sweet Clover Seed, either unscarified or improperly scarified fails to give a good germination test due to the high percentage of hard seed. We are properly equipped with one of the most modern scarifying machines on the market, and all our Disco Brand Sweet Clover Seed is properly scarified before offering same to the public. By this scarifying process the hull of the hard seed is scratched, which allows the moisture to enter, and naturally hastens the germination.

Behind all machinery there must always be the human factor, and this element in our organization is composed of men of long and varied experience, coupled with high ideals and unswerving loyalty, each seeking to perform his part in placing Disco Seeds in a pre-eminent position.

Off Grade Alfalfas and Clovers

Alfalfa and Sweet Clover are our specialties in the legume family. We reclean and ship a great many carloads in a season. In view of this, we naturally have, from time to time, lots of both Alfalfa and Sweet Clover which are not quite good enough for our regular Brands, some are off color, some contain a little pigeon grass, and some a trace of Gumbo. We can give you bargains in these lots. Write us telling how much you want and your requirements, and we will mail you samples and our best prices.

Disco Sweet Clover

WHITE BLOSSOM (*Mellilotus alba*)—This is by far the most popular biennial variety. Under ideal conditions, it will sometimes make a growth of 48 inches the first year, its usual growth being 18 to 30 inches. It stores up a tremendous quantity of reserve food in its deep tap root, which enables the plant to make a rapid and vigorous growth early the following spring, and will, if permitted, make a growth of from 5 to 10 feet. In growing for hay we recommend cutting when it is 2 to 2½ feet high. Set the sickle bar of the mower as high as possible as the new growth comes from the stem instead of the crown, as in Alfalfa.

YELLOW BLOSSOM (*Mellilotus officinalis*)—This variety is a biennial also, growing a hay crop the first year, flowers, bears seed and dies at the end of the second year. Stems are finer, inclined to be less "woody" and have a larger proportion of leaves and fine branches, which naturally makes it a better pasture and some farmers prefer it as a hay crop, although it makes less tonnage per acre than the White Blossom variety. It matures a seed crop more evenly and about three weeks earlier.

For bee pasture we believe it is well to sow both as this will increase the period of honey flow.

GRUNDY COUNTY, EARLY WHITE, DWARF WHITE, CRYSTAL WHITE—Under these various titles, a dwarf growing type of the biennial white

variety has been distributed during the past few years. It is earlier, grows to a medium height, does not require clipping, matures its seed earlier and more uniform; is consequently easier handled. The seed we offer can be traced directly to the original stock produced in Grundy County, Illinois, and as the seed is very similar in appearance to the common variety, this is the only way you can be sure of getting the genuine article.

HUBAM—Annual White Blossom. Where it is considered desirable to have the crop make its growth, flower, form seed and die in one year, Hubam has advantages. It certainly has a strong appeal to the honey producer, greatly increasing the available bee pasture.

Rate of Seeding Sweet Clover

**INOCULATE THIS
SEED WITH
STIMUGERM**

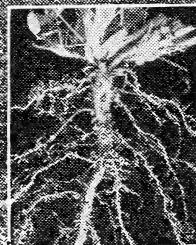
Sow at the rate of 10 to 15 lbs. per acre of scarified seed. May be seeded with a nurse crop of Oats, Wheat, Rye or Barley. Prepare the land as for Alfalfa; provide a good firm seed bed.

If you desire more information regarding this wonderful plant, we recommend you to procure one or more of the following Bulletins: U. S. Department of Agriculture, Washington, D. C.

Farmer's Bulletin, 485, 797, 820, 836, 1005.



Medium Red Clover



Miscellaneous Disco Clovers

MEDIUM RED—Considered the most valuable of the Clover family; a dependable all around variety. Not only does it produce a large yielding hay crop, but the richness of the root nodules, in nitrogen gathering bacteria means a greatly added fertility to the soil.

MAMMOTH RED—Coarser and stronger growing than the Medium Red. Well adapted for hay, if cut early, but is mostly used as a pasture and for fertilizing.

ALSIKE or SWEDISH—Produces the finest quality of Clover hay; unusually hardy, and well adapted for pasture. Thrives well on moist and slightly acid soils. It is particularly well adapted

for mixing with Timothy, as it will grow under similar conditions and can be cured well if grown in this manner.

WHITE or DUTCH—A dwarf, close growing variety, in demand for lawns.

Rate of Seeding Clovers

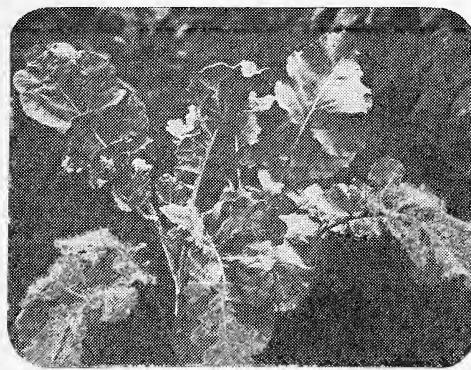
Sow 10 to 15 pounds of Medium Red and Mammoth Clovers, and 8 to 12 pounds of Alsike and White Clover to the acre. On soils that have never grown these Clovers we advocate the use of STIMUGERM for inoculating the seed. See page 30.

**INOCULATE THIS
SEED WITH
STIMUGERM**

RAPE—DWARF ESSEX

The Best Green Forage Plant for Sheep and Hogs

Sow Rape
with
Small Grain
for
Fall Pasture



Sow Rape
in Corn
at
Last
Cultivation

RAPE can be put to quite a number of uses. It may be sown alone as a spring crop to provide early pasture. It may be sown with spring grain to provide summer pasture after the grain is cut. In this latter case it is better sown after the grain is up and the ground dragged immediately after sowing to cover the seed. As it is a common practice to drag or weed out grain crops after they are up, the sowing of Rape at this time can be easily done. Rape may also be sown just before the last cultivation of corn to provide fall pasture while "hogging off" the corn. Rape may be sown with fall rye to provide fall pasture.

The uses of Rape are not limited to those mentioned above, as it may be sown almost any time of the year and will provide quickly a large amount of forage. Livestock raisers have not yet come to realize the possibilities of Rape. There are thousands of acres of land sown to small grains that could be made to yield an abundant fall pasture by the sowing of two pounds of Rape seed to every acre of ground. The cost of the seed is so trifling and so small an amount is required that there is really no expense connected with it compared to the value of feed that is secured. The amount of seed to be sown per acre varies from two to six pounds, depending upon the way it is handled. When sown alone, from five to six pounds are recommended. When sown with small grain, two to three pounds.

Our sales of Rape have made phenomenal increases during the past few years. We used to sell only a few thousand pounds per year; now we handle regularly in straight carloads. This means that we import direct from the grower, thus not only enabling us to sell the very finest quality at the lowest price, but also insures our customers getting new crop seed of strong and rapid growth.

It pays to have Rape seed on hand on the farm. There are often times when it could be profitably used if you just had it handy without having to send for it. When sown alone, from five to six pounds are recommended. When sown with small grain and in the corn, two to three pounds.

OTHER USES OF RAPE

There are many other uses to which Rape may be profitably put, on every farm, particularly in the Northwest, to which section of the country Rape seems to be specially adapted.

RAPE AS A SOILING CROP

Rape is excellent when cut and fed green after it is well grown. When thus fed it will serve an excellent purpose in feeding hogs that are confined to the pens, in feeding sheep, lambs, cattle, that are being fitted for the fairs, when fed in this way there is no danger of bloating, providing the Rape is allowed to wilt a little before feeding, and even if fed fresh, if used in limited quantities, no harm will result. It may also be profitably fed to dairy cows in this manner, providing the feeding is done soon after the milk has been withdrawn. When Rape is grown for soiling, it is desirable that it should be grown near the buildings. In this way it is always convenient to the place where it is to be fed.

RAPE AS A RENOVATOR

Rape is not a legume and its value as a renovator of the soil on this account is sometimes overlooked. Rape, however, will not impoverish the land that produces it, as so many non-leguminous crops do, and it is well to take notice of this feature when giving Rape consideration. In the first place, of course, Rape is usually fed off the land on which it grew, and in this way its fertility on the land is in a readily available form. Apart from this, the value that will be imparted to the soil by turning under Rape in the added humus that will be thus deposited, is of inestimable value. This of course, will be noticed more particularly on land that has been cropped successively and has been depleted of the vegetable matter to such an extent that it does not hold moisture properly. For land in this condition there is no cheaper way of renewing the supply of humus than by sowing a pound or two of Rape in the small grain crop and plowing the plants under in the fall. We unhesitatingly assert that no plant has been introduced in recent times that will give more return for the money invested than Dwarf Essex Rape.

FOR SPECIAL PRICES SEE COLORED SHEET OPPOSITE FRONT PAGE.



Disco Pedigreed Seed Corn

Dakota Grown, Early, Hardy, Well Matured

Located as we are in the best Seed Corn growing district of South Dakota, with our own spacious and up-to-date drying racks and bins and latest type of shelling and grading machinery, giving personal attention to our growing stocks, we are ideally situated to give Seed Corn Service. Our stocks being grown under rigorous climatic conditions, yet rarely being affected by frost, enables us to offer varieties of Seed Corn well adapted to South Dakota, North Dakota, Montana, Minnesota, Northern Nebraska, Northern Iowa, Northern Illinois, Wyoming, Wisconsin, Michigan, the Northeastern States and Canada. Like all our seed, Corn is sold on our absolute money-back guarantee. We guarantee a germination of 90 per cent or better and give you 15 days in which to test.

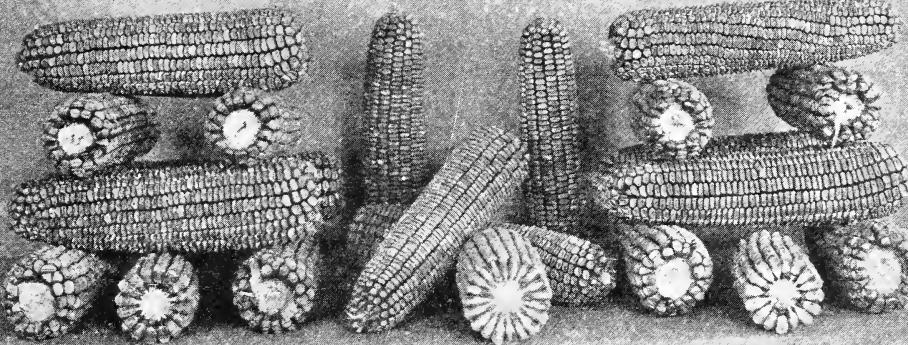
DISCO SPECIAL—Yellow Dent. The very best 90-day Yellow Dent at present on the market. Year by year it enhances its popularity, and the number of its users is extended so that it is grown with marked success and satisfaction all over the Northwest. It was developed by us more particularly because of its hardy nature, while at the same time it gives a good ear with a very high shelling percentage. The ears will average 8½ inches in length, with a girth of 7 inches, with from sixteen to eighteen rows well carried out at butt and tip. The color is a rich yellow and the grain is unusually deep, of smooth, handsome appearance, cob very small. The ears are well formed, uniform size and of moderately strong shank. It has a very leafy growth and attains a height of from 7½ to 8 feet, and usually yields from 40 to 60 bushels per acre. **Disco Special** is also well adapted for drilling in for use for ensilage or fodder. We strongly recommend this.

GOLDEN GLOW or WISCONSIN No. 12 YELLOW DENT—Originated at the Wisconsin Experiment Station, and is a cross between Wisconsin No. 8 and Tool's North Star. Rapidly becoming a very popular variety, matures in 90 to 100 days, growing 8 to 10 feet high. Ears 6 to 9 inches long, 16 to 18 rows. Kernels quite deep and wide, golden yellow color. North of the 100-day line, it is recommended for ensilage and fodder because of its vigorous growth and abundance of leaves. Recommended as a husking Corn for Southern South Dakota, Wisconsin, Minnesota, Northern Iowa and Nebraska.

PRIDE OF THE NORTH—85-day Yellow Dent. Bright red cob, ears medium size with deep kernel. Many of the stalks have two good ears. We introduced this variety for the first time eight years ago. Our customers who used it are well pleased with the results. Well adapted for North Dakota and Northern Minnesota.

FOR SPECIAL PRICES SEE COLORED SHEET OPPOSITE FRONT PAGE

Disco Pedigreed Seed Corn



Wimples Yellow Dent
Small cob - Deep kernel.

WIMPLES YELLOW DENT—100 to 110 days. This variety is very popular in many districts where it seems to excel all others and we recommend it for trial where other varieties already tried have not been entirely satisfactory. It belongs to the early type of Yellow Dent, especially adapted for the Northwest. The size of the ear is surprising, averaging from 9 to 9½ inches in length and from 7 to 8 inches in girth, containing from 16 to 18 rows. One of the best short season varieties on the market. Good drought resister.

REID'S YELLOW DENT—The normal ears of this variety are from 10 to 10½ inches long and 7½ inches in circumference. They are cylindrical or partly so in shape, often tapering off at the tip. The rows are straight, sometimes paired, the most closely spaced of any variety and from 18 to 24 in number. The butts are deeply rounded and symmetrical and the shank small. The tips are generally well covered, though often rather abruptly pointed. The cob is rather small and dark red in color. Matures in about 105 to 110 days.

DISCO PRIDE—
Yellow Dent. 80 to 85 days. A very early variety of Corn. Especially well adapted to the northern part of South Dakota, North Dakota, Montana and Western Canada. The outstanding features of **Disco Pride** are its earliness, deep kernel, small cob, and its ability to resist dry weather.



Early Murdock

EARLY MURDOCK GOLDEN DENT—This has been a standard variety for many years, and it may safely be claimed for it that it is one of the earliest of the deep kernelled types. It matures in 90 to 95 days, growing 7 to 9 feet high. Ears are inclined to roughness, somewhat short, about 6 to 8 inches, but quite thick, generally 16 to 20 rows. Kernels are very deep and light yellow in color.

MORE CORN OR MORE COBS—WHICH SHALL IT BE?

With the present high prices of land, labor and machinery, can you afford to go on raising corn that will only shell fifty-four to fifty-six pounds of corn from seventy pounds of ears, when you can just as well be getting fifty-nine to sixty-three pounds? You can buy our seed at a cost of about 40 cents per acre, or 20 cents more than it costs to plant your own seed.

A return of \$4.00 to \$5.00 per acre on an investment of 20 cents is pretty good business, but it is possible under average conditions by using our seeds. And this is only figuring the gain or shelling percentage alone, and does not take into consideration the increased yield from Pure Bred Corn of high germination.

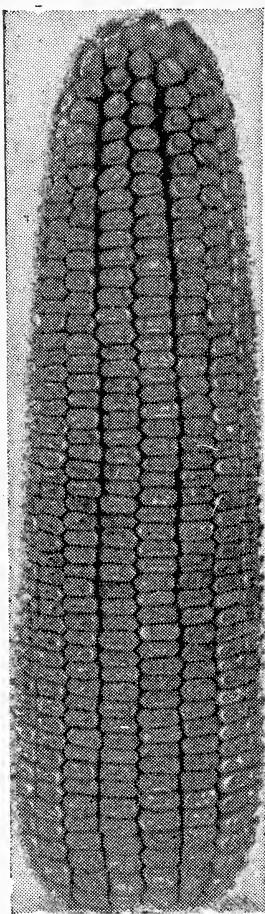
You cannot afford to raise scrub stock. Can you better afford to raise scrub Corn?
THINK IT OVER.

FOR SPECIAL PRICES SEE COLORED SHEET OPPOSITE FRONT PAGE

Disco Pedigreed Seed Corn

Get a copy of our Booklet "Corn Culture in the Northwest," 10c.

FREE WITH ORDERS ON REQUEST.



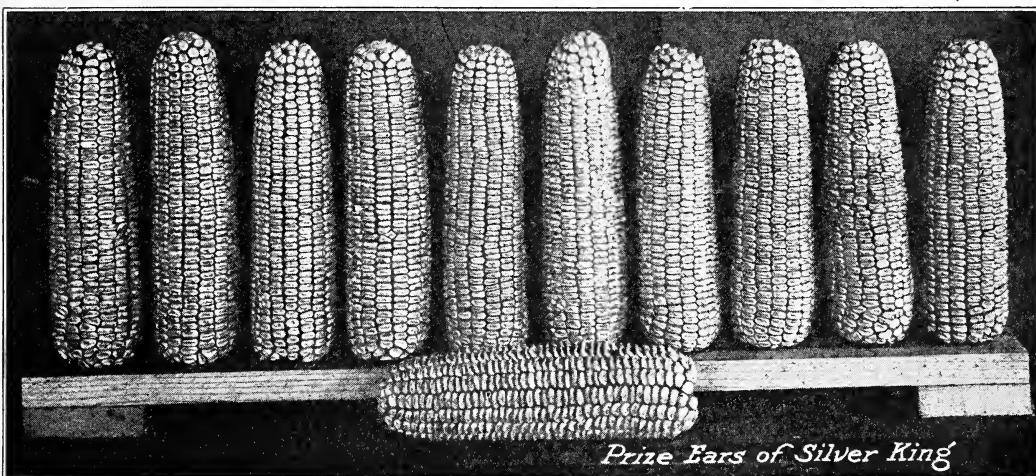
Large Silver Cup

For the purpose of encouraging the production of better corn and particularly the production of an early deep kernalled type that will not only mature and make corn almost every year but will give a yield that will be profitable. We have agreed to present a Large Silver Cup for competition at the Corn Show to be held in the Corn Palace at Mitchell, on September 23 to the 28, 1929. This cup will be awarded to the exhibitor of the best ten ears of Disco Special Yellow Dent Corn, which has been grown from seed obtained direct from the Dakota Improved Seed Company, and must be won three times consecutively to become the property of the winner. There will be other cups and cash prizes given at this show. If you desire to enter, write us for particulars which will be mailed free on request.

MINNESOTA 13 YELLOW DENT—As its name implies, this variety was originally introduced by the Minnesota Agricultural College, St. Paul, Minnesota. It matures in 90 days, grows from 6 to 8 feet high. The ears carry from 14 to 16 rows of kernels and average 7 to 9 inches long, 6 to 7 inches in circumference. Kernels are fairly dark yellow, of medium depth. Cob is red. Minnesota 13 is used by many of our customers for hogging off, for which purpose it is well adapted. Is very popular as a general purpose variety in Minnesota, and is also well adapted for northern half of South Dakota, northern half of Wisconsin, and is useful in many parts of Montana and North Dakota.

Our policy has always been conservative in regard to the variety of Corn to plant. We believe it is wiser to stick to a pedigreed stock of a variety that you can depend upon to ripen and "make corn" rather than take a long chance on some later ripening, heavier yielding sort and be caught. We recognize that there are some years that you "get by," but if the average of a period of years is taken we are convinced that by following our advice you will be ahead.

Disco Pedigreed Seed Corn



SILVER KING WHITE DENT—A very early white dent corn maturing but a few days later than our 90-Day White, but produces a larger ear and deeper kernel. Recommended for Southern South Dakota, Southern Minnesota, Michigan, Wisconsin and the Eastern States. Produces 16 rows of deep-grained kernels. Ears well filled, medium size, about 8 or 9 inches long. Does well in either wet or dry weather.

DISCO 90-DAY WHITE DENT—Rapidly becoming the most popular white variety on the market, is unusually early ripening, and a heavy yielder. Admirably adapted to northern sections of the country. The stalks grow to an average height of about 8 feet and ears shoot out about 3½ feet from the ground.

Flint Varieties

The Flint type of Corn is very popular in the Northern States and Canada, or in fact anywhere where earliness is demanded or where the crop is used for ensilage or fodder. The varieties we offer are early, hardy types.

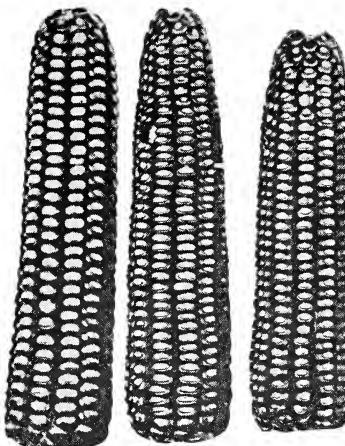
GEHU FLINT—The earliest variety of Flint Corn. Ears small and are borne low down on the stalk. The color of the kernel is a light yellow. Will mature anywhere Corn can be ripened.

LONGFELLOW YELLOW FLINT—(75-Day Corn) —Particularly well adapted for Northern planting. Eight-rowed ears, 10 to 15 inches long, 1½ inches in diameter, small cob, large kernel and very broad. Very popular for the silo in Northern sections.

RAINBOW FLINT—An unusually early variety, the kernels being all colors of the rainbow. Very popular for late planting. Ears are much larger than Gehu, some over 12 inches long, and it is a corn of good quality and yields well.

SQUAW—Raised originally by the Indians, hence its name, of true Flint type, various colors, very early. Excellent for hogging down.

WHITE FLINT—Pearly white, the ears have eight to ten rows and are 8 to 12 inches long. Stalk grows 4 to 6 feet high. Ears borne from 8 to 20 inches from the ground. A useful variety for hogging down.

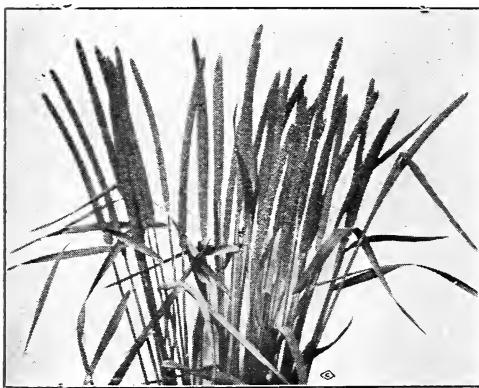


Northwestern Red Dent

NORTHWESTERN RED DENT—Has now been on the market for 32 years and is still gaining in popularity. For the Northwestern States and Canada, we believe it is unequalled. It is really a hybrid type, being a cross between an early Yellow Dent and a Flint variety. Many instances are on record where this Corn has matured in 30 days, but even where it is grown for the silo it will mature Corn sufficient to greatly increase its value for silage purposes. Usually grows from 6 to 7 feet. The ears are well formed, averaging 8 inches in length with 14 rows of kernels. Particularly well adapted for hogging off, and if Rape is sown between rows at the last cultivation it gives splendid returns.

FOR SPECIAL PRICES SEE COLORED SHEET OPPOSITE FRONT PAGE

Disco Selected Grass Seed



Timothy

TIMOTHY (*Phleum pratense*)—One of the most useful and valuable grasses, and for draft horses cannot be supplemented in its nutritive value as a hay. It is unusually very productive both as a hay and seed crop, which makes it one of the most economical of the grasses. It is extremely hardy; seldom winter-kills and stands heat and cold equally well. We recommend it as one of the best hay crops for the Northwest. Sow 10 to 12 pounds to the acre.

AWNLESS BROME GRASS (*Bromus inermis*)—A native of Russia, well adapted to a cold climate. One of the deepest rooting grasses in cultivation. Suited to dry soils. Makes the best of pasture, being green the first thing in the spring and late in the fall. Sow from 20 to 25 pounds per acre.



Kentucky Blue Grass

sod and is very desirable for pasture purposes. Will succeed well on alkali land where other grasses fail. Sow 10 to 12 pounds of solid seed per acre.

KENTUCKY BLUE GRASS (*Poa pratensis*)—Also known as "June Grass." Produces an excellent pasture of beautiful verdant green and is particularly adapted for seeding on a pasture field surrounding the home where a good sod of pleasing appearance is desirable. Sow from 30 to 40 pounds per acre.

ORCHARD GRASS or COCKSFoot (*Dactylis glomerata*)—A very useful grass either sown alone or combined with other grasses for permanent pasture. One of the earliest grasses in the spring, and is unusually productive.



Orchard Grass



Meadow Fescue

WESTERN RYE GRASS (*Agropyrum tenerum*)—Sometimes known as Slender Wheat Grass. Adapts itself to varied conditions and will thrive almost anywhere. It grows successfully even in alkali soil, and yields an abundance of nutritious hay. Sown on land that has become depleted of organic matter, after two or three years will become nearly like new land when plowed. Sow 15 pounds to the acre.

MEADOW FESCUE or ENGLISH BLUE GRASS (*Festuca pratensis*)—A very useful grass for permanent pasture, and makes excellent hay. Sow 15 pounds to the acre.

RED TOP, SOLID SEED (*Agrostis vulgaris*)—Also known as Herd's Grass. Grows most luxuriantly on moist, rich soils. It is very robust and produces strong, thick roots. It makes a firm

DISCO PERMANENT PASTURE MIXTURES—A. for high and dry land. B. For good rich land, neither too wet nor too dry. We blend the most desirable grasses in proper proportions with the object of insuring not only abundant pasture but maintaining same for the longest possible time. Sow 20 pounds per acre.

TIMOTHY AND ALSIKE MIXED—The mixture we offer of these two desirable grasses is blended in such proportions as years of experience have shown to give the most desirable combination.

TIMOTHY AND MEDIUM RED CLOVER MIXED—This also makes a very useful mixture for temporary meadow, and gives a heavy crop of excellent hay of high value.

FOR SPECIAL PRICES SEE COLORED SHEET OPPOSITE FRONT PAGE.



Soy or Soja Beans

Soy or Soja Beans

Possibly no other single crop came so rapidly in favor as an agricultural asset as the Soy Bean.

**INOCULATE THIS
SEED WITH
STIMUGERM**

Agricultural Colleges have given a great deal of attention to this plant, and as a result of their work, varieties are now available which are adapted for growing in any state in the Union—North, South, East or West.

Soy Beans are more resistant to heat and drought, and will adapt themselves to thin and acid soils more readily than any other leguminous crop.

Soy Bean Meal ranks with oil meal as a concentrated feed for cattle, dairy cows, sheep and hogs. The hay is almost equal to Alfalfa in feeding value. Being an annual legume they rank high as a soil builder. When used in the silo in conjunction with corn, the added protein available makes a very valuable contribution to the feeding value of silage.

We recommend planting soy beans in the corn by mixing in the seed corn. This makes a wonderful crop, either for "hogging off," silage, or stalk pasture after husking the corn.

Sown broadcast at the rate of 60 to 70 pounds per acre. Planted with corn, 4 to 6 pounds per acre. Drilled alone, 30 to 45 pounds per acre.

MANCHU—This variety was imported from Northern Manchuria and has proven to be quite an acquisition for use in the Northern States, both for seed and forage.

**INOCULATE THIS
SEED WITH
STIMUGERM**

EARLY BLACK—This is the first variety we distributed in South and North Dakota and Minnesota, and it has given excellent results. It grows from 18 to 20 inches high, matures in about 75 days, and is well adapted for either silo, pasture, or hay.

Cow Peas

Cow Peas have been recognized for some time as a great soil builder, green manure, pasture, and hay crop in the Southern States. Early varieties have been developed which do well in the Northern States, and we endorse the growing of this annual legume in your crop rotation. They thrive well on acid soils and will build up worn out thin land more quickly than clover.

NEW ERA—This is the earliest variety known, and is particularly adapted for the Northern States. Recommended for planting after grain harvest and plowing under in the fall. We heart-

ily recommend this catch-crop to the farmers of the Northwest. They are upright in growth, early maturing, and a remarkable prolific pea. The small vine cures readily and makes a splendid dry forage. The seeds are smaller in size than the regular Cow Pea, which takes less seed per acre for sowing. One bushel broadcast per acre is sufficient. Seed should not be sown before corn planting time or later.

Field Beans

Grow these for winter use. All our seed is Dakota grown, perfectly acclimated, will grow quickly and mature rapidly.

GREAT NORTHERN—Originally grown by the Indians, very hardy and early; much improved by selection, and we consider them the best quality White Bean in cultivation. Plant 10 pounds per acre in hills, rows $3\frac{1}{2}$ feet apart, and cultivate.

SMALL WHITE NAVY—Local grown so that their earliness is assured. Skin very thin and bean of excellent flavor. Plant in hills, in rows $3\frac{1}{2}$ feet apart and cultivate. Rate 10 lbs. per acre.

Field Peas

One of the best annual legumes for the Northwest as the cool temperature at night seems to suit them, and they make their best growth under these conditions. If sown with oats, they make excellent feed, are more easily harvested, and if necessary can be separated in cleaning.

CANADIAN FIELD—Grow to a height of 4 feet and will yield from 30 to 40 bushels per acre. Broadcast 90 to 100 pounds alone and 75 to 90 pounds with oats per acre.

Buckwheat

An excellent catch-crop, develops very rapidly. Useful either for hay or if allowed to mature gives an excellent grain crop for poultry feeding and household use.

JAPANESE—The best variety for the Northwest. Produces its seeds earlier, resists drought and is very dependable.

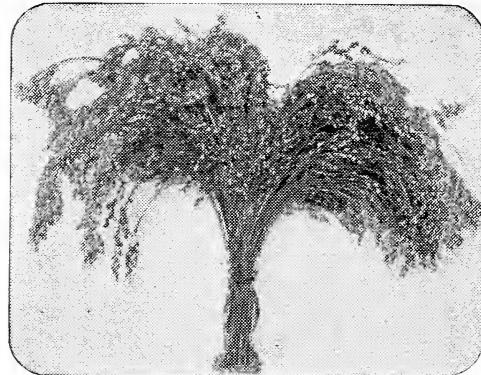
SILVER HULL—While not so early as Japanese, is preferred by millers, as it makes whiter, better and more nutritious flour. A nice variety where bees are kept. Broadcast 40 pounds per acre.

Sunflower

RUSSIAN GIANT—The value of this plant has been demonstrated with unusual emphasis during the past few years and it is now being used extensively as far north as Edmonton in the Canadian West. Used in the silo either alone or in conjunction with corn. It provides excellent feed and gives a heavier weight per acre in the North than can usually be obtained by planting of corn. Aside from its value in the silo, for poultry feeding, it is second to none. Dry stalks make excellent kindling. Plant at the rate of 10 pounds per acre.

NOTE—Include in your order of Soy Beans, Cow Peas, Field Beans or Peas, STIMUGERM for inoculation. See page 30.

FOR SPECIAL PRICES SEE COLORED SHEET OPPOSITE FRONT PAGE.



Disco Millets

Millets today are occupying a much more important place in farm economy than ever. They constitute one of the best "catch crops" we have. Can be sown later than almost anything else and will give very fair returns under the most adverse conditions. We strongly recommend every farmer to include a quantity of Millet with his order, so as to have some of the seed on hand in case an opportunity offers where it can be used profitably.

COMMON—Grows an exceptionally sweet and palatable hay. Will thrive on almost any soil; attains a height of from 4 to 5 feet and is unusually drought resistant, producing a fair crop on even poor soils. Sow broadcast 30 pounds per acre.

DAKOTA KURSK—Experiments conducted at the Experiment Stations in South Dakota have demonstrated beyond dispute the value of this variety. As a hay and seed producer it is without equal and in dry season it seems it will outyield any other variety. Sow at the rate of 30 pounds per acre.

SIBERIAN—A very fine variety of Millet, also hailing from Russia. Unusually early, extremely hardy and withstands drought. The plant shows a remarkable stooling habit, as many as 30 to 40 stalks frequently grown from one seed. Use 30 to 45 pounds to the acre.

GOLDEN, LIBERTY or GERMAN—Under favorable conditions the Golden Millet will undoubtedly produce the heaviest yield of hay per acre. It grows very densely and is an excellent cleaning crop. Sow 30 pounds to the acre.

HOG or BROOM CORN—Can be used as hay or as a cleaning crop just the same as other Millets. It however, yields an unusually heavy crop of seeds—from 60 to 70 bushels to the acre, and experiments at our Experiment Stations have shown that it is an excellent substitute for wheat. The seed will mature and be ready for cutting as a rule two months after date of seeding. For hay purposes use from 30 to 40 pounds and for seed from 8 to 12 pounds per acre.

PROSO—A large seeded white-grain variety. Very valuable for feeding stock and poultry. Makes a splendid catch crop and may be sown later, where other crops have failed or been drowned out. Quantity to sow: Same as hog millet.

EARLY FORTUNE—Of the same type as Hog or Broom Corn with the exception that the color of the seed is red, whereas the Hog or Broom Corn variety is white. A good yielder, the seed being very valuable for either poultry or hog feeding, and it also yields a heavy weight of fodder. Quantity to sow: Same as hog millet.

JAPANESE—This is entirely distinct from other varieties of Millet, both in habit of growth and character of seed. On account of its great value it has sometimes been called "Billion Dollar Grass." Will grow from 6 to 9 feet high, stands up remarkably well and yields enormous crops. Sow 15 pounds per acre.



Sudan Grass

For Hay and Summer Pasture

It seems almost incredible that the first seed of Sudan Grass was received in this country in 1908, and then only 8 ounces of seed. The marvelous rapidity with which it has established itself as one of the principal crops for hay and summer pasture is perhaps the most convincing argument in support of its superiority and usefulness.

The name under which it was distributed did not by any means encourage farmers to give it a trial in the Northwest, as it naturally savored of the tropics, and created an impression that it had no place whatever in the Northern States and Canada. Its wonderful progress, therefore, has been entirely on merit, and its performance encouraged those who tried it in a small way to materially extend their acreage, and those who were afraid of it and watched the other fellow were completely cured of their skepticism, and today Sudan Grass is one of the most popular and widely grown catch crops for quick hay and summer pasture.

Our sales of Sudan Grass have increased by leaps and bounds; it used to occupy quite an insignificant place in our operations, but it has now climbed into the carlot class.

We have secured a splendid stock of high grade, well matured seed, which has a very high purity and germination, and the price is very, very reasonable, and we unhesitatingly recommend it to every farmer who needs additional hay or pasture, and wants something that will come in quickly and will give abundant, good quality feed under unfavorable conditions. The cost of seeding is low. It can be planted very late and make a sure summer pasture within 30 days. It makes its best growth in hot summer weather, when other pastures fail. For hay, can be cut as often as three times a season. It yields a heavy, leafy, fine stemmed hay crop that is easily and quickly cured and is easy to handle. It is relished by all live stock and has a high feeding analysis.

Rate of Seeding

Broadcast 20 to 25 pounds, and if drilled 15 to 20 pounds to the acre.

If you desire further information regarding Sudan Grass, we recommend your asking for Farmer's Bulletin 1126, or Bureau of Plant Industry Circular No. 125, U. S. Department of Agriculture, Washington, D. C.

FOR SPECIAL PRICES SEE COLORED SHEET OPPOSITE FRONT PAGE.

Canes, Root Crops, Etc.

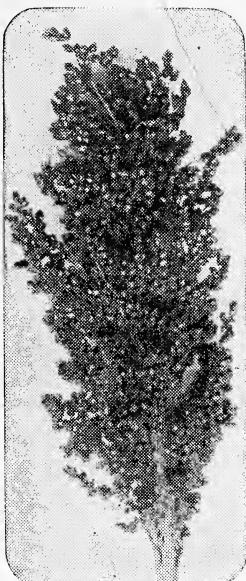
Canes

EARLY AMBER FODDER—This earliest of all fodder cane is becoming more in demand every year. Whereas we formerly handled a few thousand pounds, we now move carlots. It is particularly adapted to the Northwest, and succeeds unusually well. Sow broadcast at the rate of 40 to 60 pounds per acre.

DAKOTA AMBER SORGHUM—The earliest, richest, and best Sorghum Cane grown in the Northwest for making syrup. Drill in rows 3 1/2 feet apart at the rate of five to eight pounds per acre.

Feterita

Another Sorghum Family grain introduced by the U. S. Department of Agriculture, from Africa. It is a quite popular high yielding grain crop relished by all live stock, and especially recommended for poultry. It is very drought resisting, early and immune from the attacks of insect pests. Grown for grain, sow in rows 3 1/2 feet apart, 5 to 8 pounds per acre and cultivate. Grown for fodder broadcast 25 pounds per acre.



Early Amber Cane

Kaffir Corn and Milo Maize

Makes excellent fodder, either green or cured. Stalks grow 4 to 5 feet high, are very leafy and relished by all live stock. Grown for seed, yields 35 to 60 bushels per acre. Grown for grain sow in rows 3 feet apart, 5 to 8 pounds to the acre. Grown for fodder broadcast 25 pounds to the acre.

ROOT CROPS

Kohl Rabi

MAMMOTH or LONG GREEN—A well adapted, nutritious root crop for the Northwest. Pkt., 5c; oz., 30c; 1/4 lb., 75c; 1/2 lb., \$1.25; 1 lb., \$2.00, postpaid.

Field Carrots

750 GIANT WHITE VOSGES—Very popular all over the world where field carrots are grown. Unusually heavy cropper; excellent feeding quality. Pkt., 5c; oz., 10c; 1/4 lb., 20c; 1/2 lb., 35c; 1 lb., 60c; 5 lbs., \$2.75, postpaid.

751 LONG RED SURREY—Although it is outyielded by the white carrot, the orange are most in favor for eating purposes. It is a long, heavy yielder, with thick crown, and very little core. It is smooth, sweet, tender, crisp, and mellow. Pkt., 5c; oz., 10c; 1/4 lb., 20c; 1/2 lb., 35c; 1 lb., 60c; 5 lbs., \$2.75, postpaid.

Sugar Beet or Half Sugar Mangel

740 GIANT GREEN TOP WHITE—A pedigreed stock bred to produce the highest percentage of feed value. It is a heavy cropper, much relished by stock, and easily harvested. The flesh and skin is white, shading to green at the top, and is

very solid, fine texture, tender and sweet. Oz., 10c; 1/4 lb., 30c; 1/2 lb., 50c; 1 lb., 90c, postpaid.

741—GIANT GREEN TOP ROSE—Grows to an unusually large size; of exceptionally high feeding value; color is bright pink, shading to a lighter color at the bottom; flesh is white, crisp and sweet. Although Sugar Beets are lighter crop than Mangels, some prefer them for dairy stock. Oz., 10c; 1/4 lb., 30c; 1/2 lb., 50c; 1 lb., 90c, postpaid.

Sugar Beets

742—KLEIN WANZLEBEN—It is not suitable for stock, but roots used in making sugar, and we recommend same for home use. Oz., 10c; 1/4 lb., 20c; 1/2 lb., 35c; 1 lb., 60c, postpaid.

Mangel Wurtzel

732 SELECT MAMMOTH or GIANT LONG RED—The heaviest cropper in cultivation, and a very good feeding variety. Oz., 10c; 1/4 lb., 20c; 1/2 lb., 35c; 1 lb., 60c, postpaid.

733 SELECTED GOLDEN TANKARD—A beautiful reddish golden skin and small tap root with sound, rich, yellow and firm flesh. Oz., 10c; 1/4 lb., 20c; 1/2 lb., 35c; 1 lb., 60c, postpaid.

730 GIANT YELLOW, INTERMEDIATE, or GATEPOST—Grows to a great size, mostly above the ground, good quality and a heavy cropper. Oz., 10c; 1/4 lb., 20c; 1/2 lb., 35c; 1 lb., 60c, postpaid.

731 PRIZE WINNER YELLOW GLOBE—A globe shaped variety and very heavy cropper. Oz., 10c; 1/4 lb., 20c; 1/2 lb., 35c; 1 lb., 60c, postpaid.

Purple Top Swede or Rutabagas

700 MONARCH—An early, heavy-cropper, oval shaped Rutabaga of fine quality. Best for early use. Pkt., 5c; oz., 10c; 1/4 lb., 30c; 1/2 lb., 50c; 1 lb., 90c; 5 lbs., \$2.75, postpaid.

703 BANGHOLM—Hardy, round-shaped Swede, excellent cropper; good keeper. Pkt., 5c; oz., 10c; 1/4 lb., 30c; 1/2 lb., 50c; 1 lb., 90c; 5 lbs., \$2.75, postpaid.



Kaffir Corn

Disco Improved Seed Grains



Velvet Barley

Velvet Barley

Try this new strain of Barless Barley. Out-yields all other varieties. Adapted to nearly all sections, is a better nurse crop and higher paying cash crop than oats.

Farmers in the past have asked for a high yielding beardless variety of Barley. No such varieties are known. All varieties of Barley adapted to the cornbelt states and north, therefore, the yielding ones, are heavily bearded and are of the six-row type.

The great advantage of Velvet Barley over all the other varieties is that the awns are smooth and velvety, having no barbs, and that it out-yields home-grown varieties from 3 to 7 bushels per acre. Most farmers apparently have preferred to take a lower return from oats than to endure the barbed beards found on those varieties of Barley, which gave satisfactory yields, but now with the advent of the beardless varieties capable of higher yields than the commonly grown awned sorts, the demand for acreage of Velvet Barley is increasing rapidly.

This new and popular Barley produced by the Minnesota Agricultural Experiment Station in co-operation with the U. S. Department of Agriculture is the result of combining by hybridization the desirable characters of our six-rowed varieties with the smooth awned character of Barleys grown in Southern Russia. These Russian Barleys were not well adapted to our upper Mississippi valley conditions but like crosses in our different breeds of live stock, the hybrid is far superior to either parent.

Because many farmers are interested in Barley as a feed, it should be noted that the average acre of Barley produces over 20 per cent more grain than the average acre of oats. The oats consists of 30 per cent hull, which has no feeding value, while Barley grain has 15 per cent hull; therefore, compared on the basis of pounds of kernel per acre, Barley produces over 50 per cent more grain than the average acre of oats.

We know that Velvet Barley is one of the best investments you can make and when once you have tried it you will never be without it. We

have a stock of excellent seed, from certified stock, free from impurities and we earnestly recommend that you give it a trial.

Ceres Wheat

A wonderful new Wheat. The heaviest yielder in the Northwest. Is most promising of new Wheats.

Ceres is considered the best of any new varieties. It is a bearded, hard, red spring Wheat. The result of Kota crossed on Marquis at the North Dakota Experiment Station. Not unlike other hybrids it is superior to either parent; it matures slightly earlier than Marquis, is more resistant to stem rust and because it has a stiffer straw than Kota, it is fast replacing these wheats. Over an average of four years grown in comparison with other Wheats, Ceres has led in yield from 5 to 7 bushels per acre and with its many outstanding advantages, it is a distinct step forward in the development of Wheat varieties suited to the Northwest. Altogether, Ceres is probably the best of Spring Wheats and farmers interested in new and more profitable crops, should not fail to sow it.

Odessa Barley

A six-rowed Barley, which might be termed the Standard Variety of this section. Odessa has produced very high yields in South Dakota and seems to be particularly well adapted to conditions in this state and in the Northwest generally. Odessa is a splendid sort, always yields heavy and is not materially affected by prolonged droughts.

Our stock was grown on the Experimental Farm at Vivian, South Dakota, and is a pure line strain. We recommend it with the utmost confidence.

Spring Speltz or Emmer

This valuable grain, belonging to the wheat family, needs little praise, as it is well known to all our customers. Speltz is a Russian cereal and thrives under the most adverse soil and climatic conditions. It has a feeding value superior to oats and only slightly less than corn, being extremely drought and rust resistant. Because of its stiff straw, it will not lodge. It is relished by all kinds of live stock and when grown in conjunction with corn it will insure a crop in the worst years.

Barley

IMPROVED WHITE HULLESS—Our Improved White Hulless, Beardless Barley has come to the front and as its name implies, after threshing it is entirely hulless. Because of the absence of awns, it is better adapted for sheaf feeding and is frequently used for hay. The grain of White Hulless Barley is very plump and heavy, having a high nutritive value and the added advantage over other Barleys, that there is never any need of grinding to destroy the hull.

We recommend Hulless Barley as a substitute for Hulless Oats, which we have discarded because of their susceptibility to smut.

Gopher Oats—Minnesota 674

This stiff-strawed, early maturing, white grained Oats is a result of selection at Minnesota Agricultural Experiment Station for the purpose of obtaining a stiff-strawed, high-yielding variety. Yields exceptionally well on peat and other rich soils. Our stock was grown in Sanborn County from Certified seed.

Flax

N. D. WILT-RESISTANT NO. 114

Flax is a paying crop in the Northwest, being especially adapted to new breaking. With the advent of wilt-resistant varieties, it can be successfully grown on old ground.

FOR SPECIAL PRICES SEE COLORED SHEET OPPOSITE FRONT PAGE.

Disco Evergreen Lawn Grass

Mitchell's Famous Corn Palace annually attracts thousands of visitors to our city, and after seeing and admiring our wonderful auditorium, they naturally turn their attention to other interesting and attractive features, and not the least among these are the many beautiful lawns, not only around our public and school buildings and public parks, but also around our many beautiful private homes. These lawns constitute a very practical demonstration of the value of the Disco Lawn Mixtures.

907 DISCO EVERGREEN LAWN GRASS—Nothing adds so materially to the charm and distinguishes a home from a house on a vacant lot than does a well-kept lawn. This not only applies to the suburban residence in the city, or residence in the smaller towns, but applies with equal force to the farm. We venture to say that nothing would so materially improve and maintain our home-life as an improvement in the surroundings of the average farm home. The tendency is to spend money on automobiles to take the children away from home rather than make the home and surroundings so attractive that their desire will be to stay around home. That this is desirable from every standpoint cannot be gainsaid. We have had long experience in the preparation of lawn grass mixtures, and DISCO Evergreen Mixture represents the very finest combination of dwarf and close-growing grasses which will form in a remarkably short time a soft, velvety turf. Our advice is gladly at your service in seeking to help you to establish a good lawn.

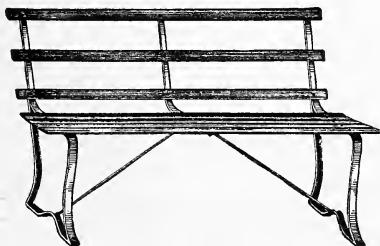
DISCO EVERGREEN MIXTURE—1 lb., 55c; 5 lbs., \$2.50; 10 lbs., \$4.75, postpaid. 25 lbs., \$11.25; 50 lbs., \$21.25; 100 lbs., \$40.00, postage or express extra.

SHADY NOOK LAWN GRASS—This is made up of grasses that grow naturally in shady places. It will be found invaluable in making lawns on grounds lying in the shade of buildings or trees. 1 lb., 60c; 5 lbs., \$2.75; 10 lbs., \$5.00, postpaid. 25 lbs., \$12.00; 50 lbs., \$22.50; 100 lbs., \$42.50, postage or express extra.

Sow at the rate of 1 lb. of Lawn Seed to 300 square feet; 10 lbs. for a plot 50x60 feet.

The New "Lite Wate" Settee

LIGHT IN WEIGHT FOR EASY PORTABILITY



"Light Wate" Settee.

The best low priced seat on the market for outdoors.

Price, \$2.50 each, delivered.

Special prices given on quantity lots.

While this bench is low in price and competes with the cheapest kind of settee on the market in price, it has many of the qualities of a high priced bench. It has all channel steel legs and braces, sheridized bolts and nuts, and oak slats. It actually weighs only 18 lbs. and is 42 inches long and stands 30 inches high. The best way to appreciate the real value of this bench is to see an actual sample, which we will send you at \$2.50, charges prepaid.

FOR SPECIAL PRICES SEE COLORED SHEET OPPOSITE FRONT PAGE.

A FEW POINTERS ON MAKING A LAWN

On nearly all kinds of soil it pays to work into the top 6 inches some well-rotted manure. The manure has to be well rotted otherwise any weed seeds in the manure will germinate and injure the lawn. One should bear in mind that to get an ideal lawn the surface has to be level. Try and cover the seed half an inch deep, then go over it with a light roller. Do not expect to get a good lawn unless the soil has been worked up to a dust mulch. In dry weather when you water it be sure to soak it thoroughly. A good lawn will improve with age when proper care is taken of it. In the event of well rotted manure not being available, we strongly recommend Armour's Lawn and Garden Fertilizer. See page 31 of catalog.

Huron, S. D., 9-3-27.

Mr. Richard Burn,
Dakota Improved Seed Company,
Mitchell, S. D.

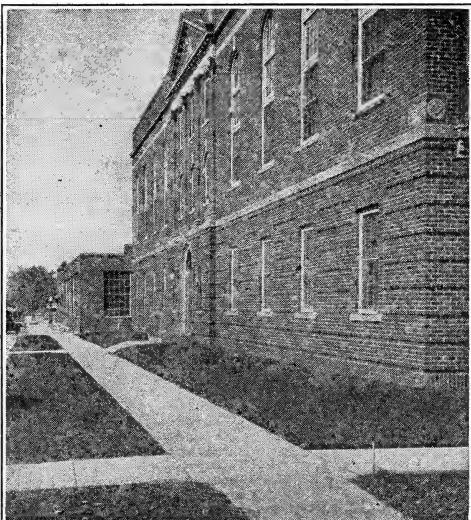
Dear Sir:

You will probably remember me by my order of your Evergreen Lawn Mixture last spring.

I am taking this opportunity of letting you know that I am more than pleased with your lawn mixture as I think I have one of the best new lawns in Huron.

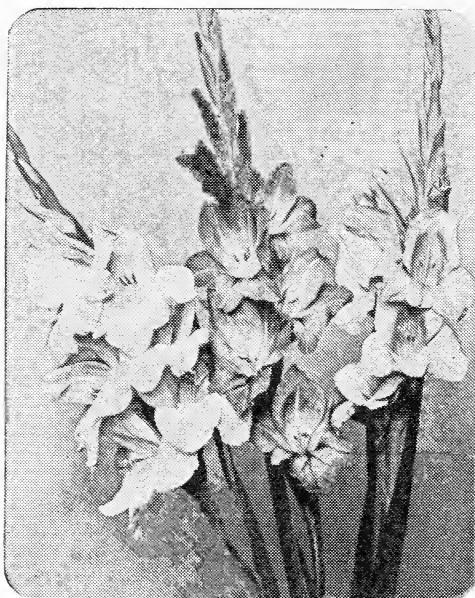
If you should come to the State Fair I should be pleased to have you call at the telephone office as I would like to have you see my lawn.

Yours truly,
Signed E. J. CALENDINE.



Lawn at new Masonic Temple, Mitchell, S. D., sown with Disco Evergreen Lawn Grass.

Gladiolus



The popularity of the Gladiolus is increasing tremendously. The people are just beginning to realize their beauty and the satisfaction they can get from them. Not only as a garden flower but for all purposes for which flowers are used. The Gladiolus is truly the Queen of Summer Flowers. They come in an almost endless variety of colors and shades of white, pink, red, yellow, orange, smoky, purple, blue and lavender and from the smaller primulinus that are fine for artistic decoration in the house, to the tall (5-6 feet) huge varieties that stand out like sentinels in the garden.

They are of very easy culture, thriving in any good garden soil and almost any location except in the shade. Plant about May 1st, 4 inches deep. When cut and brought into the house they will last a week or more and open to the last bud.

The prices quoted are for large flowering size bulbs, 1 inch or more in diameter, sent postpaid. Can furnish smaller bulbs and bulbets of all the following varieties so if you are interested send us your requirements and we will be glad to quote you prices. You can order four bulbs at the dozen rate.

ALBANIA (Kemp). One of the best commercial whites. Strong grower and will average two spikes per bulb. 75c per doz.

WHOLESALE PRICES ON PLANTING STOCK AND BULBLETTS.

We are making a specialty of raising the most popular cut-flower varieties in large quantities and have several hundred thousand bulbs of all sizes in storage and can make prompt shipment to any locality. Our northern grown bulbs from bulblet stock runs very good quality, plump and high crowned and is proving to be very vigorous wherever planted. This is only a partial list of the varieties we have, so if you don't find what you are looking for send us your requirements and we will quote you prices.

The following prices are per 1,000 bulbs, f. o. b. Mitchell, S. D. Terms cash or 25 per cent with order, balance C. O. D.

	No. 1 1½"-up	No. 2 1½"-1½"	No. 3 1"-1½"	No. 4 ¾"-1"	No. 5 ½"-¾"	No. 6 ¼"-½"	Bulblets Per Qt.
ALBANIA	\$22.50	\$20.00	\$16.00	\$12.00	\$ 9.00	\$ 6.00	\$ 4.00
ALICE TIPLADY	15.00	12.00	9.00	7.00	4.50	2.50	2.00
BYRON L. SMITH	18.00	15.00	12.00	9.00	6.50	4.00	2.50
HALLEY	.....	.....	10.00	7.50	5.00	2.50	2.00
HENRY FORD	.....	.....	20.00	16.00	12.00	8.00	4.00
JEWELL	18.00	15.00	12.00	9.00	6.50	4.00	4.00
LOS ANGELES	35.00	27.50	20.00	17.00	14.00	10.00	5.00
MRS. LEON DOUGLAS	.....	.....	.....	20.00	16.00	12.00	6.00
OPALESCENT	.....	.....	.....	15.00	10.00	7.50	6.00
SCARLET WONDER	35.00	27.50	20.00	12.50	7.50	4.00	3.50
KUNDERD'S ORCHID MIXED	16.00	12.50	10.00	7.50	5.00	2.50	2.50
KUNDERD'S GLORY MIXED	16.00	12.50	10.00	7.50	5.00	2.50	2.50

ALICE TIPLADY (Kunderd). Burnt orange. A very beautiful color. 35c per doz.

BYRON L. SMITH (Kunderd). Lavender and pink. Very popular as a cut flower. 90c per doz.

BENGAL TIGER (Pratt). A very large "tiger" colored variety. Late red. 10c each.

CRINKLES (Kunderd). Deep peach blossom pink. Extremely ruffled. 30c each.

DR. VAN FLEET (Kunderd). Real tall and slender plant. Rose pink. 75c per doz.

GOLD (Decorah). A good light yellow with plenty of flowers open at once. One of the best of the yellow varieties. 75c per doz.

GOLDEN DREAM (Groff). One of the tallest growing glads. A deep yellow with lots of substance. New and scarce yet. 75c each.

HENRY FORD (Diener). Clear deep purple. Nearly the whole spike open at once. 90c per doz.

JEWELL (Holland). Clear, light salmon with yellow throat. 75c per doz.

LOS ANGELES (Houdyshel). Shrimp pink with flame feather in throat. A very popular cut flower variety. Blooms over a long period. \$1.05 per doz.

LE MARECHAL FOCH (Holland). Large flowered light pink. 35c per doz.

MRS. FRANK PENDLETON (Kunderd). Rose pink, red blotch. A beauty. 35c per doz.

MRS. LEON DOUGLAS (Diener). Begonia rose color. The largest glad in existence and very showy. 20c each, \$2.00 per doz.

MRS. L. S. SCHWEPPPE (Kunderd). One of the new varieties and a real beauty. Deep peach blossom pink with red throat. \$1.50 per doz.

MING TOY (Kunderd). A sort of buff color that is liked by everyone that sees it. Fine for cutting. \$1.20 per doz.

MRS. F. C. PETERS (Fischer). Tall rose lavender with deeper blotch in throat. Large spike with six or more open flowers. \$1.20 per doz.

OPALESCENT (Glad Bill). Good commercial lavender, earlier than Mrs. Peters. \$1.05 per doz.

PRIMUNELLA (Kunderd). A ruffled buff and peach red beauty. 75c per doz.

SAFON GLOW (Hornberger). Early. A fine color combination of salmon with clear yellow throat. Very large and a beauty 50c each.

SCARLET WONDER (Cowee). One of the largest reds on the market. 90c per doz.

SMOKY (Hutt). A fine, outstanding mahogany bronze that is something different than anything else on the market. A Canadian introduction and a new one here yet. Makes a striking bouquet in the house. 50c each.

SOUVENIR (Holland). Clear, canary yellow. Real early and much admired by all. 60c per doz.

TEMBLOR (Kunderd). A large, clear dark salmon with cream throat. 25c each, \$2.25 per doz.

One each of the above 24 varieties, labeled separately, value \$3.90, sent postpaid, for \$3.00. Without Golden Dream, Salmon Glow and Smoky we will send the 21 varieties, value \$2.15, for \$1.75, postpaid.

DISCO SPECIAL MIXTURE. This consists of several hundred different varieties, ruffled and plain petals, containing every color of the rainbow at a price everyone can afford. 35c per doz., \$2.75 per 100 and \$22.50 per 1,000.

Disco Northern Grown Vegetable Seeds

Our Vegetable Seeds represent the very finest types, selected with the greatest care. Grown under our Northern conditions by experienced and careful growers, they are guaranteed to please the most critical epicure. We supply simple cultural instructions with every order, and our Service Bureau is always ready to help solve your problems.

Asparagus



10

10 CONOVER'S COLOSSAL—Superior quality, fine pea green colored shoots. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c, postpaid.

12 MARTHA WASHINGTON—An entirely new rust-resistant Asparagus introduced by the United States Department of Agriculture. Heavy yielding, dark green, long, thick, heavy stalks. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50, postpaid.

11 ROOTS—Conover's Colossal, large, strong roots, 12, 50c; 25, 65c; 100, \$2.00; 500, \$7.00, postpaid. Martha Washington, extra large, strong roots, 12, 55c; 25, 75c; 50, \$1.35; 100, \$2.50; 500, \$8.00, postpaid.

Beans

DWARF BUSH VARIETIES

20 GOLDEN WAX POD, IMP.—The most popular wax variety. Very early, pale yellow pods, flesh brittle, stringless and of good quality. Pkt., 5c; $\frac{1}{2}$ lb., 30c; lb., 50c; 3 lbs., 90c; 5 lbs., \$1.25; 5 lbs., \$2.00, postpaid.

21 DISCO KIDNEY WAX POD—Pods 8 inches long, stringless, fibreless, very fleshy and brittle; attractive clear yellow color. Pkt., 5c; $\frac{1}{2}$ lb., 30c; lb., 50c; 3 lbs., \$1.25; 5 lbs., \$2.00, postpaid.

22 PENCIL POD BLACK WAX—The finest of the dwarf black seeded wax varieties, early; pods long, round, straight and crease-backed, stringless, fleshy and brittle. Pkt., 5c; $\frac{1}{2}$ lb., 25c; lb., 45c; 3 lbs., \$1.10; 5 lbs., \$1.75, postpaid.



20

Dwarf Bush Varieties

23 DAVIS WHITE KIDNEY WAX—Early, productive, pods large and flat, 7 inches long, very uniform and straight, color clear bright yellow; seed white, kidney-shaped. Pkt., 5c; $\frac{1}{2}$ lb., 30c; lb., 50c; 3 lbs., \$1.25; 5 lbs., \$2.00, postpaid.

24 SURE CROP WAX—Black seed, stringless, hardy, rust resistant. Pkt., 5c; $\frac{1}{2}$ lb., 35c; lb., 60c; 3 lbs., \$1.50; 5 lbs., \$2.25, postpaid.

31 DISCO STRINGLESS GREENPOD—Very early, large pods, stout, round, tender and brittle; dark green; perfectly stringless. Pkt., 5c; $\frac{1}{2}$ lb., 35c; lb., 60c; 3 lbs., \$1.50; 5 lbs., \$2.25, postpaid.

32 BOUNTIFUL—We consider this the best of the flat-podded stringless varieties. Pkt., 5c; $\frac{1}{2}$ lb., 35c; lb., 60c; 3 lbs., \$1.50; 5 lbs., \$2.25, postpaid.

Pole or Climbing Varieties



42

40 EMPEROR SCARLET RUNNER—Largest podded variety, bearing a heavy crop, pods borne in clusters. Bright scarlet flowers and verdant foliage. Pkt., 5c; $\frac{1}{2}$ lb., 30c; lb., 50c; 3 lbs., \$1.25; 5 lbs., \$2.00, postpaid.

42 KENTUCKY WONDER OR OLD HOMESTEAD—Very early and productive, pods will grow to 8 or 9 inches long; are very slender, curved, and of tender quality. Pkt., 5c; $\frac{1}{2}$ lb., 20c; lb., 35c; 3 lbs., 90c; 5 lbs., \$1.40, postpaid.

43 KENTUCKY WONDER WAX—One of earliest pole wax varieties. Pods 9 inches long, fleshy and brittle; color light yellow. Pkt., 5c; $\frac{1}{2}$ lb., 20c; lb., 35c; 3 lbs., 90c; 5 lbs., \$1.40, postpaid.

Lima Beans

50 DWARF SIEVA LIMA—A vigorous, hardy, very early Bush Lima. Pods 3 inches long—contain three to four small flat white beans. Pkt., 5c; $\frac{1}{2}$ lb., 25c; lb., 45c; 3 lbs., \$1.10; 5 lbs., \$1.75, postpaid.

51 FORDHOOK BUSH LIMA—Pods 5 inches long, contain four to five large, oval-shaped, very thick white beans of the Potato-Lima type. Pkt., 5c; $\frac{1}{2}$ lb., 25c; lb., 45c; 3 lbs., \$1.10; 5 lbs., \$1.75, postpaid.

52 NEW WONDER BUSH LIMA—A very fine mid-season variety, unusually dwarf. Beans are very broad and are as large as many of the pole varieties. Pkt., 5c; $\frac{1}{2}$ lb., 25c; lb., 45c; 3 lbs., \$1.10; 5 lbs., \$1.75, postpaid.

Beets (Table)

70 CROSBY'S EGYPTIAN—A flattened globe shape; skin very dark red; flesh a trifle lighter and lightly zoned; very small tops. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 45c; lb., 80c, postpaid.

71 DETROIT DARK RED—Roots uniformly smooth, medium size, and beautifully globe-shaped; skin blood-red, flesh dark red, zoned with a lighter shade; tender and sweet. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 45c; lb., 80c, postpaid.

72 EXTRA EARLY FLAT EGYPTIAN—Tops unusually small; roots distinctly flat. Splendid for first crop for either market or home use. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 45c; lb., 80c, postpaid.

73 EARLY BLOOD TURNIP—Improved early, thick top shaped, smooth with carmine red flesh zoned with lighter shade. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 45c; lb., 80c, postpaid.

Brussels Sprouts

100 STANDARD—A magnificent variety with large, solid sprouts produced from top to bottom. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c, postpaid.

FOR SPECIAL PRICES SEE COLORED SHEET OPPOSITE FRONT PAGE.

Swiss Chard



80

80 SWISS CHARD.
LUCULLUS—The cut-and-come-again Spinach. Produces a abundance of greens which can be used all summer. Pkt., 5c; oz., 10c; 1/4 lb., 25c; 1/2 lb., 40c; lb., 75c, postpaid.

Broccoli

90 WALCHEREN—The earliest variety, the link between Broccoli and Cauliflower, and the best for use in the Northwestern States. Pkt., 15c; oz., \$1.00; 1/4 lb., \$3.50, postpaid.



111

Cabbage

110 DISCO ALPHA—Ten days earlier than Jersey Wakefield, heads small, heart-shaped and very solid. Pkt., 5c; oz., 25c; 1/4 lb., 75c; lb., \$2.50, postpaid.

111 EARLY JERSEY WAKEFIELD—Early, pale, glaucous green, with blunt conical heads of good size. Pkt., 5c; oz., 25c; 1/4 lb., 75c; lb., \$2.50, postpaid.

112 EARLY WINNINGSTADT—Early main crop, firm, compact, short conical head, rather leafy. Pkt., 5c; oz., 25c; 1/4 lb., 75c; lb., \$2.50, postpaid.

113 COPENHAGEN MARKET—Short-stemmed, growth compact, outer leaves small, flattish, ball-shaped head averaging about 10 pounds in weight. Pkt., 5c; oz., 35c; 1/4 lb., \$1.00; lb., \$3.50, postpaid.

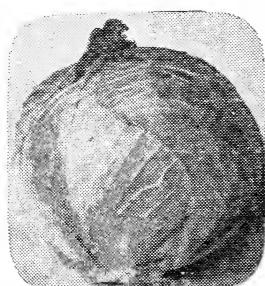
114 GLORY OF ENKHUIZEN—Short-stemmed, medium early, with large, round, very hard head and few outer leaves. Pkt., 5c; oz., 30c; 1/4 lb., 90c; lb., \$3.00, postpaid.

115 PREMIUM FLAT DUTCH—Large heads flattened on the top, very full and firm, long stem. Pkt., 5c; oz., 25c; 1/4 lb., 75c; lb., \$2.50, postpaid.

116 DANISH BALLHEAD—A very distinct short-stemmed Cabbage, with round, very hard and solid heads. Pkt., 5c; oz., 35c; 1/4 lb., \$1.00; lb., \$3.50, postpaid.

117 DANISH ROUNDHEAD—Similar to Ballhead, slightly larger, shorter stem and about two weeks earlier. Pkt., 5c; oz., lb., \$1.00; lb., \$3.50, postpaid.

118 GOLDEN ACRE—One of the most valuable introductions in recent years. The heads are perfectly solid, as round as a ball and with few outer leaves. The plant is dwarf but vigorous, with a very short stem and may be set more closely than most varieties. This, we believe to be the best early Cabbage for both private and market gardeners of the round or ball-head type. Pkt., 10c; oz., 40c; 1/4 lb., \$1.25; lb., \$4.00, postpaid.



116

FOR SPECIAL PRICES SEE COLORED SHEET OPPOSITE FRONT PAGE.

130—RED DUTCH DWARF—Earliest of the red varieties, and the best for pickling. Pkt., 5c; oz., 35c; 1/4 lb., \$1.00; lb., \$3.50, postpaid.

140—SAVOY DWARF GREEN CURLED—Sometimes called "Honeycomb Cabbage." Pkt., 5c; oz., 35c; 1/4 lb., \$1.00; lb., \$3.50, postpaid.

150 CHINESE (Pe Tsai)—Celeri Cabbage, resembles Cos Lettuce, but has a decided Cabbage flavor. Pkt., 5c; oz., 35c; 1/4 lb., \$1.00; lb., \$3.50, postpaid.

Frost Proof Cabbage Plants

152—By planting Frost Proof Cabbage Plants, you will be enabled to have fully matured Cabbages three or four weeks earlier than from hotbed plants.

If plants cannot be set out same day received, uncrate immediately, dip roots in water and heel out into the ground; never leave in crate or package.

The plants when received will be somewhat wilted and have a stunted appearance, which will be disappointing to persons who have never used these plants before. Fear not, they will produce results superior to common or home grown plants.



152

CABBAGE PLANTS

Charleston Wakefield, Flat Dutch, Copenhagen Market, Glory of Enkhuizen and Succession.

PRICES

100, 75c; 200, 90c; 300, \$1.25; 400, \$1.35; 500, \$1.50, postpaid. 1,000 to 2,000, \$1.30 per 1,000; 3,000 to 10,000, \$1.25 per 1,000, express collect.

Cash with order. We do not ship C. O. D. All orders must be received before May 1st.

Carrots

160 CHANTENAY—Excellent medium early half long stump-rooted variety, very thick, smooth and of a deep orange-red color. Pkt., 5c; oz., 10c; 1/4 lb., 25c; 1/2 lb., 40c; lb., 75c, postpaid.

161 DANVERS HALF LONG—Pale color, half-long semi-stump rooted. Short top. Very sweet and tender flesh. Pkt., 5c; oz., 10c; 1/4 lb., 25c; 1/2 lb., 40c; lb., 80c, postpaid.

162 EARLY SCARLET HORN—Roots 3 inches long; color orange red, splendid for first early or market use. Forces well in frames. Pkt., 5c; oz., 10c; 1/4 lb., 25c; 1/2 lb., 40c; lb., 75c, postpaid.

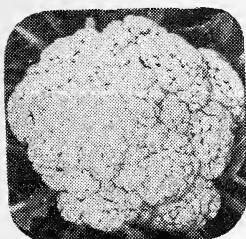
163 OXHEART or GUERANDE—Very short and thick, color light bright orange; flesh very delicate and sweet; early. Pkt., 5c; oz., 10c; 1/4 lb., 25c; 1/2 lb., 40c; lb., 75c, postpaid.

164 ST. VALERY LONG RED—Roots 10 to 12 inches long, smooth, bright red, sweet and tender; good winter keeper. Pkt., 5c; oz., 10c; 1/4 lb., 25c; 1/2 lb., 40c; lb., 75c, postpaid.



161

Cauliflower



171

170 ALL SEASONS, EXTRA IMPROVED

—By sowing at intervals, splendid heads available throughout the whole season. The quality is excellent and we cannot too strongly recommend it. Pkt., 15c; $\frac{1}{4}$ oz., 60c; oz., \$1.75, postpaid.

171—EARLY SNOW-BALL, EXTRA SELECTED—One of the best for the Northwest; early and superb quality. Pkt., 15c; $\frac{1}{4}$ oz., 50c; oz., \$1.60, postpaid.

172—VEITCH'S AUTUMN GIANT—A large, vigorous growing, late variety. Heads large, firm, beautifully white and well protected by the large leaves. Pkt., 10c; $\frac{1}{4}$ oz., 30c; oz., \$1.00, postpaid.

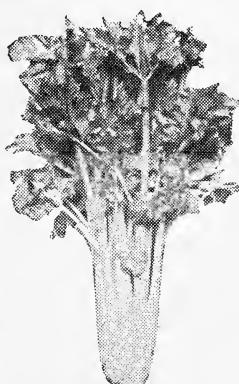
Celery

180 GIANT PASCAL—Vigorous growing, stalks short, broad, thick, crisp and tender, blanching readily to a yellowish white color. Pkt., 5c; $\frac{1}{2}$ oz., 25c; $\frac{1}{4}$ lb., 60c; lb., \$2.00, postpaid.

181 GOLDEN SELF-BRANCHING—A French variety introduced in 1883. Undoubtedly the finest early Celery. Pkt., 5c; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00, postpaid.

182 WHITE PLUME IMPROVED—Distinguished by the silvery white color of its inner leaves. A very early handsome variety, easily blanched. Pkt., 5c; $\frac{1}{2}$ oz., 15c; oz., 25c; $\frac{1}{4}$ lb., 60c; lb., \$2.00, postpaid.

183 EASY BLANCHING—Resembling Golden Self-Blanching, but the leaves are green and the stalks blanch white instead of yellow. Pkt., 5c; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00, postpaid.



181

190 CELERIAC or TURNIP-ROOTED CELERY—Develops, instead of the usual stalks, a broad, coarse root, which is much esteemed as a vegetable for flavoring soups. Pkt., 5c; $\frac{1}{2}$ oz., 15c; oz., 30c; $\frac{1}{4}$ lb., 75c; lb., \$2.25, postpaid.

Pop Corn

Why not give the children a patch of ground to grow Pop Corn. Not only will it keep them busy through the summer, but it will give them some fine fun in the winter evenings.

230 WHITE RICE—The leading market variety, matures early, a good yielder and excellent quality. Pkt., 5c; $\frac{1}{2}$ lb., 15c; lb., 20c; 3 lbs., 55c; 5 lbs., 90c, postpaid. By express, 10 lbs., \$1.20.

233 JAPANESE WHITE HULLESS—The ears are about 2 or 3 inches long, the kernels on an average ear will usually produce twice as much Pop Corn as on the average large size White Rice ear. Pkt., 5c; $\frac{1}{2}$ lb., 15c; lb., 20c; 3 lbs., 55c; 5 lbs., 90c, postpaid. By express, 10 lbs., \$1.20.

Sweet Corn

FIRST EARLY VARIETIES

221 GOLDEN BANTAM—

Early; golden yellow in color, of highest quality. Ears 6 to 7 inches long. Pkt., 5c; $\frac{1}{2}$ lb., 20c; lb., 30c; 3 lbs., 75c; 5 lbs., \$1.10, postpaid. By express, 10 lbs., \$1.75.

222 DISCO FIRST AND BEST

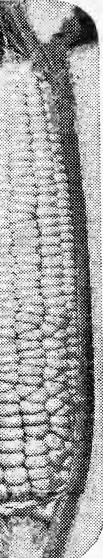
—One of the earliest maturing varieties; beautiful white color. Beautiful quality. Pkt., 5c; $\frac{1}{2}$ lb., 20c; lb., 30c; 3 lbs., 75c; 5 lbs., \$1.10, postpaid. By express, 10 lbs., \$1.75.

223 EARLY MAMMOTH WHITE CORY—

The earliest and best of all extra early Sweet Corn. Pkt., 5c; $\frac{1}{2}$ lb., 15c; lb., 25c; 3 lbs., 65c; 5 lbs., \$1.00, postpaid. By express, 10 lbs., \$1.50.

224 WHIPPLE'S EARLY YELLOW

Yellow variety, somewhat similar to Golden Bantam or Buttercup, but earlier than either; is equal in quality and the ears are much larger than Golden Bantam. Pkt., 5c; $\frac{1}{2}$ lb., 20c; lb., 30c; 3 lbs., 75c; 5 lbs., \$1.10, postpaid. By express, 10 lbs., \$1.75.



223

Sweet Corn

SECOND EARLY VARIETIES

225 EARLY CROSBY—The standard and popular variety; beautifully white, sweet and tender. Pkt., 5c; $\frac{1}{2}$ lb., 15c; lb., 25c; 3 lbs., 65c; 5 lbs., \$1.00, postpaid. By express, 10 lbs., \$1.50.

226 HOWLING MOB—Ears are from 9 to 10 inches long, 16-rowed, of a beautiful white color, and of excellent quality. Pkt., 5c; $\frac{1}{2}$ lb., 20c; lb., 30c; 3 lbs., 75c; 5 lbs., \$1.10, postpaid. By express, 10 lbs., \$1.75.

MAIN CROP VARIETIES

227 BLACK MEXICAN—This corn when ready for the table is a beautiful clear white, but when the grain is ripe it is a peculiar black or bluish black. Pkt., 5c; $\frac{1}{2}$ lb., 20c; lb., 30c; 3 lbs., 75c; 5 lbs., \$1.10, postpaid. By express, 10 lbs., \$1.75.

228 COUNTRY GENTLEMAN—In this standard variety the acme of perfection and quality is obtained. Pkt., 5c; $\frac{1}{2}$ lb., 20c; lb., 30c; 3 lbs., 75c; 5 lbs., \$1.10, postpaid. By express, 10 lbs., \$1.75.

229 STOWELL'S EVERGREEN—The best known Sweet Corn. Our strain is unusually good. Pkt., 5c; $\frac{1}{2}$ lb., 15c; lb., 25c; 3 lbs., 65c; 5 lbs., \$1.00, postpaid. By express, 10 lbs., \$1.50.

231 BANTAM EVERGREEN—A cross between Golden Bantam and Stowell's Evergreen. Pkt., 5c; $\frac{1}{2}$ lb., 20c; lb., 30c; 3 lbs., 75c; 5 lbs., \$1.10, postpaid. By express, 10 lbs., \$1.75.

234 EARLY MINNESOTA—Very popular standard early sort. Ears about 8 inches long, 8-rowed kernels, very broad, sweet and tender. Pkt., 5c; $\frac{1}{2}$ lb., 20c; lb., 30c; 3 lbs., 75c; 5 lbs., \$1.10, postpaid. By express, 10 lbs., \$1.75.

235 SUNSHINE—A new variety developed by Prof. Yeager of North Dakota. The nearest approach in quality to Golden Bantam being ten days earlier and producing larger ears. We heartily recommend it for both home gardens and truck gardens. Pkt., 5c; $\frac{1}{2}$ lb., 20c; lb., 35c; 3 lbs., 90c; 5 lbs., \$1.25, postpaid. By express, 10 lbs., \$2.00.

FOR SPECIAL PRICES SEE COLORED SHEET OPPOSITE FRONT PAGE.

Cucumber

239 EARLIEST OF ALL (White Spine)—Is medium in length, smooth and very symmetrical, dark green color. For long distance shipping. Size $7\frac{1}{2} \times 2\frac{1}{2}$ inches. Edible in 55 days. Pkt., 5c; 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c; lb., \$1.25, postpaid.

240 EXTRA EARLY RUSSIAN (Black Spine)—The smallest Cucumber we grow, extremely early and amazingly productive. For small uniform pickles. Edible in 50 days. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c; lb., \$1.25, postpaid.

241 EARLY FORTUNE (White Spine)—In our opinion the best long distance shipping Cucumber. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c; lb., \$1.25, postpaid.

242 CHICAGO PICKLING (Black Spine)—The most popular of the small, early pickle varieties. It is enormously productive and very disease resistant. Edible in 58 days. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 60c; lb., \$1.00, postpaid.

243 COOL AND CRISP (White Spine)—Nearly white when fully mature. While not a popular variety, it is early, prolific and desirable. Edible in 55 days. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 60c; lb., \$1.00, postpaid.

244 EXTRA LONG WHITE SPINE—Somewhat similar to the Davis Perfect, except it is longer and larger. Edible in 60 days. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c; lb., \$1.25, postpaid.

245 JAPANESE CLIMBING (Black Spine)—A distinct variety used for its climbing qualities to cover trellises and fences. Edible in 58 days. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c; lb., \$1.25, postpaid.

246 EARLY FRAME or SHORT GREEN (Black Spine)—A large type of the early pickling Cucumbers. Edible in 58 days. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 60c; lb., \$1.00, postpaid.

247 LONG GREEN IMPROVED (Black Spine)—The standard Cucumber for either slicing or pickling. It is extremely prolific, medium late. Edible in 62 days. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c; lb., \$1.25, postpaid.

248 DAVIS PERFECT (White Spine)—A long, smooth Cucumber with pointed ends. The most popular of the white spine strains. Size $10 \times 2\frac{1}{2}$ inches. Edible in 58 days. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c; lb., \$1.25, postpaid.



242

Miscellaneous Vegetables

Cress

PEPPER or TONGUE GRASS—Sown with White Mustard makes an excellent salad.

210 EXTRA CURLED—A distinct, compact, growing variety, leaves deeply cut, and curled at the edges. Charming pungent flavor. Pkt., 5c; oz., 10c, postpaid.

211 WATER—A distinct Cress, thriving best in moist positions, or in brooks or ditches, where its roots and stems are submerged. Makes a delicious and appetizing salad. Pkt., 10c.

Endive

255 GREEN CURLED—The heads grow very close, leaves forming a dense mass. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.60, postpaid.

Egg Plant

250 EARLY LONG PURPLE—One of the earliest, most hardy and productive sorts; fruits 6 to 8 inches long, rich purple and fine quality. Pkt., 5c; oz., 45c; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00, postpaid.

251 NEW YORK IMPROVED PURPLE—The plant grows to a large size; of a spreading nature and absolutely spineless. For main crop, we heartily recommend this excellent variety. Pkt., 5c; oz., 45c; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00, postpaid.



251

Kale or Borecole

260 DWARF GREEN CURLED SCOTCH—Grows 1 to $1\frac{1}{2}$ feet high, spreading growth, leaves intensely curled. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25, postpaid.

Kohl-Rabi

270 EARLY WHITE VIENNA—Best for garden cultivation, early, dwarf top, fine quality. For field variety, see Field Roots, page —. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.60, postpaid.

Leek

290 LARGE AMERICAN FLAG—The most popular variety with gardeners everywhere. If earthed up, blanches beautifully. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$1.75, postpaid.

Lettuce

301 BIG BOSTON—Heads large and compact; leaves broad, almost smooth; color light green. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c; lb., \$1.25, postpaid.

302 CALIFORNIA CREAM BUTTER—Compact, heads large, globular and firm; leaves broad and thick; dark, glossy green, freely spotted deep brown. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c; lb., \$1.25, postpaid.

303 GRAND RAPIDS—The favorite loose-leaved forcing Lettuce; does well in the Northwest for early planting outdoors. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c; lb., \$1.25, postpaid.

304 MAY KING—A handsome, extremely early, compact heading variety. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c; lb., \$1.25, postpaid.

305 TENNIS BALL—A very reliable, sure-heading sort; heads globular, firm and well blanched; very suitable for late sowing. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c; lb., \$1.25, postpaid.

306 WAY-A-HEAD—A very early, sure heading variety. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c; $\frac{1}{2}$ lb., \$1.10; lb., \$1.90, postpaid.

307 WHITE PARIS COS—Smooth, long, narrow, upright leaves and blanches nicely when tied up. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c; lb., \$1.25, postpaid.

308 BLACK-SEEDED SIMPSON—One of the best and most popular, large, early, loose-heading varieties. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c; lb., \$1.25, postpaid.

309 PRIZE HEAD—A crisp and tender loose-leaved, non-heading variety, deservedly popular. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c; lb., \$1.25, postpaid.



309

Okra or Gumbo

357 LONG WHITE VELVET—Plants grow to a height of $3\frac{1}{2}$ feet. The pods are white, long, smooth and tender, early and productive. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 40c; lb., 75c, postpaid.

Mustard

350 FINEST WHITE—Very pungent and appetizing salad. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 40c; lb., 75c, postpaid.

Mushroom Spawn

355 LAMBERT'S PURE CULTURE—Recent trials have shown this spawn to give much better results than the English stock, no doubt owing to its being fresher and the spawn more vigorous. Cultural instructions supplied with every order. 40c a brick, postpaid. By express: brick, 25c; 5 bricks, \$1.20; 10 bricks, \$2.00; 25 bricks, \$4.25.

Muskmelon

317 HEARTS OF GOLD—A splendid, small mid-season variety developed from the Hoo-doo, being larger and more uniform. Fruit round with tendency to heart shape, lightly ribbed and covered with a fine gray netting. Flesh very thick, deep salmon color and of high quality. A good shipping melon. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c; lb., \$1.25.

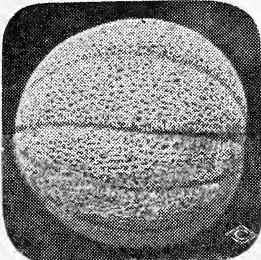
316 MILWAUKEE MARKET—A variety very popular in Chicago and Milwaukee markets. Fruits of medium size, nearly round, lightly ribbed and fairly netted. Skin light green; flesh thick, salmon colored and very sweet. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c; lb., \$1.25, postpaid.

325 BANANA—Looks just like a great big banana, about 2 feet long; flesh of a deep salmon color, quality very fine. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 75c; lb., \$1.25, postpaid.

326 ROCKY FORD

—Small, almost round, perfectly smooth, showing no ribs; flesh thick and deep green. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c; lb., \$1.25, postpaid.

327 POLLOCK'S NO. 25—Very similar to Rocky Ford, except that the flesh is salmon colored. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c; lb., \$1.25, postpaid.



326

322 JENNY LIND—An old favorite, unusually early, small, green fleshed. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 60c; lb., \$1.00, postpaid.

328 EXTRA EARLY OSAGE—A distinct improvement over the old type of Osage, being also a week to ten days earlier. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 60c; lb., \$1.00, postpaid.

318 HALES BEST—A remarkably early shipping melon; flesh exceptionally thick and deep salmon in color. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 70c; $\frac{1}{2}$ lb., \$1.20; lb., \$2.00, postpaid.

319 EMERALD GEM—Flesh unusually thick, sweet and of a deep, rich salmon color. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 55c; lb., \$1.00, postpaid.

320 EXTRA EARLY KNIGHT—An extremely early medium-sized melon; flesh fairly thick and very sweet; medium green blending to light pink. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 55c; lb., \$1.00, postpaid.

321 HONEY DEW—Green fleshed; rapidly gaining in popularity and bids fair to become one of the most generally grown sorts. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c; lb., \$1.25, postpaid.

323 MONTREAL GREEN NUTMEG—Is possibly famed more than anything else for the unusual size to which it can be grown; fruits weighing 18 to 20 pounds being quite common. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 60c; lb., \$1.00, postpaid.

324 POTOSKEY or PAUL ROSE—Oblong in shape; color deep green, slightly ribbed, netted, thick flesh; of a deep salmon color. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 60c; lb., \$1.00, postpaid.

FOR SPECIAL PRICES SEE COLORED SHEET OPPOSITE FRONT PAGE.

Watermelons

330 CITRON, COLORADO PRESERVING—A decided improvement on the old Preserving Citron; very early; hardy and productive. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 90c, postpaid.

331 CITRON, RED SEEDED—Similar in quality and productiveness to the Green-seeded variety. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 90c, postpaid.

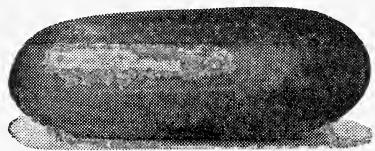
332 COLE'S EARLY—One of the earliest; very hardy; of medium size, nearly round. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 40c; lb., 75c, postpaid.

333 PEERLESS or ICE CREAM—Very early, of medium size, and one of the best for the Northwest. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 90c, postpaid.

337 LONG LIGHT ICING—A large type of the long melons. Early and productive; will produce melons 25 pounds in weight and over. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 40c; lb., 75c, postpaid.

334 ROUND LIGHT ICING—It grows to a fair size, is nearly round; the flesh is a beautiful bright red, while the rind is very light green; the quality is excellent. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 40c; lb., 75c, postpaid.

335 TOM WATSON—In our opinion the best shipping melon on the market, and second to none as a main crop variety. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 40c; lb., 75c, postpaid.



336

336 KLECKLEY'S SWEET—It grows to a fairly large size, is medium early and exceedingly sweet. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 40c; lb., 75c, postpaid.

338 VOLGA or WINTER—Quite a new departure in Watermelons. Besides being early and of delicious quality it is unique in that it will keep in good condition if stored in a cool place until Christmas or even longer. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., 90c; lb., \$1.50, postpaid.

339 HUNGARIAN HONEY—Early; color dark green, brilliant red, ripening clear to the rind. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c; lb., \$1.25, postpaid.

340 GRAY MONARCH—A large type of the long melons; very productive and fairly early in maturity, and mature fruits will generally weigh about 25 pounds. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 40c; lb., 75c, postpaid.

341 ROUND DARK ICING—Medium to large in size, moderately early. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 40c; lb., 75c, postpaid.

Onions

360 PRIZETAKER

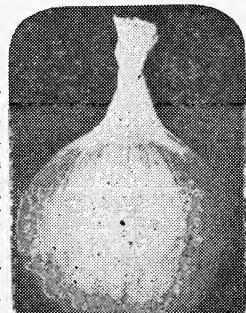
One of the largest Onions grown in the Middle West, a sure cropper, globe shaped, color light straw, highly recommended. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c; $\frac{1}{2}$ lb., \$1.25; lb., \$2.00, postpaid.

361 AUSTRALIAN BROWN

—Noted for its keeping qualities and productiveness. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; $\frac{1}{2}$ lb., 90c; lb., \$1.50, postpaid.

362 DANVERS YELLOW GLOBE

Outer skin is reddish brown, lemon colored underneath; medium size; very early, and a good keeper. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c; $\frac{1}{2}$ lb., \$1.25; lb., \$2.00, postpaid.



360

Onions—Continued

363 LARGE RED WETHERSFIELD—A fine, large, handsome variety with bright red colored, somewhat flattened bulbs and purplish white flesh. Pkt., 5c; oz., 25c; 1/4 lb., 75c; 1/2 lb., \$1.25; lb., \$2.00, postpaid.

364 SOUTHPORT RED GLOBE—The finest type of red Onion. Pkt., 5c; oz., 25c; 1/4 lb., 75c; 1/2 lb., \$1.25; lb., \$2.00, postpaid.

365 STRASSBURG—The most popular variety for growing Yellow Dutch Onion Sets. Pkt., 5c; oz., 25c; 1/4 lb., 75c; 1/2 lb., \$1.25; lb., \$2.00, postpaid.

380 SOUTHPORT YELLOW GLOBE—Deep golden yellow; small neck and heavy thick skin; mild in flavor; excellent shipping sort. Pkt., 5c; oz., 20c; 1/4 lb., 75c; 1/2 lb., \$1.25; lb., \$2.00, postpaid.

381 SOUTHPORT WHITE GLOBE—Flesh very crisp, fine grained and snowy white in color; exceedingly mild. Pkt., 5c; oz., 30c; 1/4 lb., 90c; 1/2 lb., \$1.50; lb., \$2.50, postpaid.

PICKLING VARIETIES

382 WHITE BARLETTA—Bulbs small, flat top, conical bottom; extremely early; valuable pickling sort. Pkt., 5c; oz., 30c; 1/4 lb., 90c; 1/2 lb., \$1.50; lb., \$2.50, postpaid.

383 SILVERSKIN—If sown thickly will form small white bulbs suitable for pickling, or if thinned out will produce large bulbs of excellent keeping quality. Also used for the production of White Dutch Sets. Pkt., 5c; oz., 30c; 1/4 lb., 90c; 1/2 lb., \$1.50; lb., \$2.50, postpaid.

385 WHITE WELSH—Does not form a bulb like other Onions, but only a small enlargement at the base of each shoot. Comes up every year. Pkt., 5c; oz., 30c; 1/4 lb., 90c; 1/2 lb., \$1.50; lb., \$2.50, postpaid.

386 ONION SEED IN MIXTURE—A mixture consisting of every variety listed in our catalog. Pkt., 5c; oz., 25c; 1/4 lb., 65c; 1/2 lb., \$1.25; lb., \$2.00, postpaid.

Onion Sets

The production of sets is an interference with nature and the natural growth of the Onion, and in consequence they require special care and attention to insure that they will be kept in good condition, ready to grow and mature quickly when planted.

(Postpaid)
1-lb. 2-lbs. 4-lbs.

390 Yellow Dutch Onion Sets.....	\$0.25	\$0.45	\$0.85
391 White Dutch Onion Sets.....	.30	.55	1.00
392 Red Dutch Onion Sets.....	.25	.45	.85
393 Yellow Multiplier Onion Sets...	.35	.65	1.20

Write for prices on larger quantities.

Onion Plants

CRYSTAL WHITE WAX and

YELLOW BERMUDA

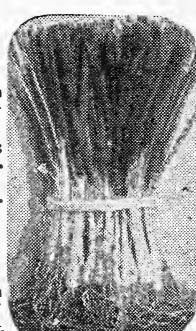
Be sure to specify which variety you want when ordering.

200, 50c; 300, 65c; 400, 75c; 500, 90c; 1,000, \$1.60; 2,000, \$3.15; 3,000, \$4.70, postpaid.

4,000 to 10,000, 80c per 1,000, express collect.

Peanuts

460 EARLY SWEET—Can be grown in any light, sandy soil where potatoes succeed well. Pkt., 5c; lb., 30c; 5 lbs., \$1.20, postpaid.



FOR SPECIAL PRICES SEE COLORED SHEET OPPOSITE FRONT PAGE.

Parsnip

410 HOLLOW CROWN—Long, smooth, and of good quality; heavy cropper. Pkt., 5c; oz., 10c; 1/4 lb., 25c; 1/2 lb., 40c; lb., 75c, postpaid.

411 LARGE GUERNSEY—Shorter and thicker in the root than "Hollow Crown"; an excellent market gardener's variety. Pkt., 5c; oz., 10c; 1/4 lb., 25c; 1/2 lb., 40c; lb., 75c, postpaid.

Parsley

Very useful for flavoring soups and for garnishing.

400 CHAMPION MOSS CURLED—A compact growing, densely curled variety of a dark green color, very popular for garnishing. Pkt., 5c; oz., 10c; 1/4 lb., 25c; 1/2 lb., 40c; lb., 75c, postpaid.

401 HAMBURG or TURNIP ROOTED—The edible roots resemble a small, thick parsnip, both in shape and color; much used for flavoring soups and stews. Pkt., 5c; oz., 15c; 1/4 lb., 35c; 1/2 lb., 60c; lb., \$1.00, postpaid.

Peas

EARLY VARIETIES

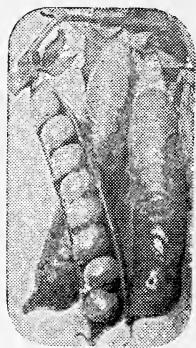
420 GRADUS IMPROVED—Quite as early as the old type of Gradus or Prosperity, but a much heavier and more certain cropper. Pkt., 5c; 1/2 lb., 20c; lb., 35c; 3 lbs., 90c; 5 lbs., \$1.25, postpaid. By express, 10 lbs. or more at 22c per lb.

421 AMERICAN WONDER—Probably the most popular early Pea on this continent. Pkt., 5c; 1/2 lb., 20c; lb., 35c; 3 lbs., 90c; 5 lbs., \$1.25, postpaid. By express, 10 lbs. or more at 22c per lb.

422 LITTLE GEM—Just a trifle later and a few inches shorter than the foregoing. Pkt., 5c; 1/2 lb., 20c; lb., 35c; 3 lbs., 90c; 5 lbs., \$1.25, postpaid. By express, 10 lbs. or more at 22c per lb.

423 LITTLE MARVEL—An extra fine dwarf sweet-flavored Pea. Pkt., 5c; 1/2 lb., 20c; lb., 35c; 3 lbs., 90c; 5 lbs., \$1.25, postpaid. By express, 10 lbs. or more at 22c per lb.

424 NOTT'S EXCELSIOR—A very early dwarf growing variety of branching habit. Pods are small, blunt ended. A heavy cropper. Height 1 1/2 feet. Pkt., 5c; 1/2 lb., 20c; lb., 35c; 3 lbs., 90c; 5 lbs., \$1.25, postpaid. By express, 10 lbs. or more at 22c per lb.



423

425 SUGAR DWARF WHITE EDIBLE PODDED—Differs from other Peas in that the pods can be used similar to string beans. Pkt., 5c; 1/2 lb., 25c; lb., 40c; 3 lbs., \$1.00; 5 lbs., \$1.50, postpaid. By express, 10 lbs. or more at 25c per lb.

SECOND EARLY VARIETIES

440 DAISY—May be best described as an early Stratagem; fairly productive and of excellent quality. Pkt., 5c; 1/2 lb., 20c; lb., 35c; 3 lbs., 90c; 5 lbs., \$1.25, postpaid. By express, 10 lbs. or more at 22c per lb.

442 THOMAS LAXTON—An excellent Second Early, coming into use almost immediately after "Gradus." Pkt., 5c; 1/2 lb., 20c; lb., 35c; 3 lbs., 90c; 5 lbs., \$1.25, postpaid. By express, 10 lbs. or more at 22c per lb.

444 POTATCH or BIG DINNER—This splendid variety ripens a few days later than American Wonder; the pods are very much larger, usually borne in pairs and in the greatest profusion. Pkt., 5c; 1/2 lb., 20c; lb., 35c; 3 lbs., 90c; 5 lbs., \$1.25, postpaid. By express, 10 lbs. or more at 22c per lb.

Peas—Continued

MAIN CROP VARIETIES

445 **BLISS EVERBEARING**—An old standard late main crop variety. Pkt., 5c; $\frac{1}{2}$ lb., 20c; lb., 35c; 3 lbs., 90c; 5 lbs., \$1.25, postpaid. By express, 10 lbs. or more at 22c per lb.

449 **DUKE OF ALBANY**—The earliest Main Crop variety, coming into use immediately following the last of the second earlies; vigorous growing and unusually productive. Pkt., 5c; $\frac{1}{2}$ lb., 20c; lb., 35c; 3 lbs., 90c; 5 lbs., \$1.25, postpaid. By express, 10 lbs. or more at 22c per lb.

450 **RENTPAYER**—Undoubtedly one of the finest Peas; quality is beyond compare, and an excellent cropper; height $2\frac{1}{2}$ feet. Pkt., 5c; $\frac{1}{2}$ lb., 20c; lb., 35c; 3 lbs., 90c; 5 lbs., \$1.25, postpaid. By express, 10 lbs. or more at 22c per lb.

451 **IMPROVED STRATEGEM**—One of the best known main crops, and the most popular. Pkt., 5c; $\frac{1}{2}$ lb., 20c; lb., 35c; 3 lbs., 90c; 5 lbs., \$1.25, postpaid. By express, 10 lbs. or more at 22c per lb.

452 **TELEPHONE**—An old favorite, popular in Great Britain for many years. Pkt., 5c; $\frac{1}{2}$ lb., 20c; lb., 35c; 3 lbs., 90c; 5 lbs., \$1.25, postpaid. By express, 10 lbs. or more at 22c per lb.

Pepper

465 **LARGE BELL or BULL NOSE**—First early; scarlet fruits 2 inches in diameter, 3 inches long, blunt at the end, while the flavor is mild and sweet. Pkt., 5c; oz., 40c; $\frac{1}{4}$ lb., \$1.10; lb., \$3.75, postpaid.

466 **LONG RED CAYENNE**—Fruits average 4 inches long and $\frac{1}{4}$ inch in diameter; are a bright red color. Unusually hot and pungent. Pkt., 5c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50, postpaid.

467—**NEAPOLITAN**—Earliest and most productive large variety and one of the sweetest. Fruit bright red, 4 inches long and 2 inches thick. Pkt., 5c; oz., 45c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00, postpaid.

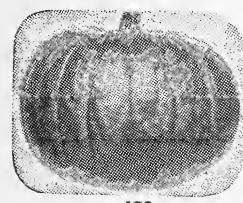
468 **RED CHERRY**—Fruits small, round or cherry-shaped; rich scarlet and very hot. Pkt., 5c; oz., 40c; $\frac{1}{4}$ lb., \$1.10; lb., \$3.75, postpaid.

469 **SUNNYBROOK**—The best pepper in our trials during the past season. Can be picked off the plant and eaten like an apple. Tomato shaped, sweet red pepper. Fruits are 3 inches in diameter, $2\frac{1}{2}$ inches in depth with thick flesh. Moderately early. Pkt., 10c; oz., 50c; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00, postpaid.



465

Pumpkin



480

480 **EARLY SUGAR**—Fruits small, round, flattened at the ends and slightly ribbed. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 40c; lb., 75c, postpaid.

481 **JAPANESE PIE**—Grows to a large size; skin deep green with dark stripes; flesh deep yellow. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 60c; lb., \$1.00, postpaid.

482 **KING OF THE MAMMOTHS**—The giant among Pumpkins, specimens having been grown weighing as high as 250 pounds and measuring 2 feet or even more in diameter. Useful alike for pies and stock feeding. An excellent keeper. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c; lb., \$1.25, postpaid.

483 **LARGE CHEESE or KENTUCKY FIELD**—Large, round; flesh yellow; one of the best canning sorts. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 35c; lb., 60c, postpaid.

484 **CONNECTICUT FIELD**—The most popular variety for planting in corn for stock feeding and also for making pies. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 40c; lb., 75c, postpaid.

FOR SPECIAL PRICES SEE COLORED SHEET OPPOSITE FRONT PAGE.

Radish

TURNIP OR ROUND VARIETIES

491 **ROSY GEM**—Deep scarlet on the top, blending into white at the bottom. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 90c, postpaid.

492 **SCARLET GLOBE**—A bright red variety with firm, crisp, tender flesh. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 90c, postpaid.

493 **SCARLET TIPPED**

TURNIP WHITE TIPPED—Extra early forcing variety, valuable also for ordinary outdoor use. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 90c, postpaid.

494 **NON PLUS**

ULTRA—Very early bright scarlet, with short top; useful for forcing; crisp and tender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 90c, postpaid.

495 **WHITE GLOBE**—A beautiful white skinned variety; tender and crisp. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 90c, postpaid.

496 **TURNIP VARIETIES, MIXED**—It enables one to have a varied selection at a small cost and in a small space. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 90c, postpaid.

OLIVE OR OVAL-SHAPED VARIETIES

497 **FRENCH BREAKFAST**—The most popular variety; small and quick growing. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 60c; lb., \$1.00, postpaid.

498 **EARLY SCARLET OLIVE-SHAPED**—Very early, bright scarlet; flesh white and crisp. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 60c; lb., \$1.00, postpaid.

499 **EARLY WHITE OLIVE-SHAPED**—Same, small, white, quick-growing variety; mild, crisp and tender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 60c; lb., \$1.00, postpaid.

LONG-SHAPED VARIETIES

500 **CHARTIER**—Roots 7 to 8 inches long, and rather thick; deep scarlet top, pure white at the tip. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 90c, postpaid.

501 **ICICLE**—The leading long white radish and one of the earliest. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 90c, postpaid.

504 **LONG BRIGHTEST SCARLET**—One of the best and earliest of the long scarlet radishes; crisp and tender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 90c, postpaid.

503 **MIXTURE** (All Varieties)—A mixture of all summer varieties for home use; the selection is A-1. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 90c, postpaid.

FALL AND WINTER VARIETIES

510 **BLACK SPANISH, ROUND**—Roots round, 3 to 4 inches in diameter. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c; lb., \$1.25, postpaid.

511 **BLACK SPANISH, LONG**—One of the latest and hardest varieties for winter use; roots 8 to 9 inches long, 2 to 3 inches in diameter. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c; lb., \$1.25, postpaid.

512 **CHINA ROSE** (Scarlet China)—One of the best winter sorts; skin smooth, rose color; flesh white, crisp, pungent; 4 to 5 inches long and 2 inches thick. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 90c, postpaid.

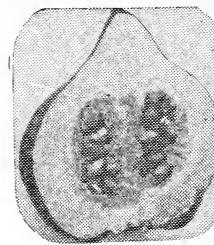
Rhubarb

521 **VICTORIA**—Well known standard variety. Good for general use. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 30c, postpaid.

Salsify or Vegetable Oyster

525 **MAMMOTH SANDWICH ISLAND**—Roots stored for use as a winter vegetable; leaves may be used as a salad. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.25, postpaid.

Squash



560

560 TABLE QUEEN—Acorn or Des Moines. A small very productive variety having very many desirable qualities. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 70c; $\frac{1}{2}$ lb., \$1.20; lb., \$2.00, postpaid.

558 DELICIOUS—A winter variety of medium size, pear-shaped, of a dark green color, flesh orange, very early and fine flavor. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c; lb., \$1.25, postpaid.

550 EXTRA EARLY ORANGE MARROW—The earliest of the Marrow

Squashes. Very prolific; a good keeper. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c; lb., \$1.25, postpaid.

551 GIANT SUMMER CROOKNECK—The largest and one of the earliest summer varieties. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 70c; lb., \$1.20, postpaid.

552 GOLDEN HUBBARD—Quite like the Hubbard in form and habit but decidedly earlier. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 70c; lb., \$1.20, postpaid.

553 IMPROVED HUBBARD—The standard winter Squash; fine grained, thick and dry. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 65c; lb., \$1.10, postpaid.



553

555 EARLY WHITE BUSH SCALLOP—Very early summer Squash. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 70c; lb., \$1.20, postpaid.

556 VEGETABLE MARROW, LONG WHITE BUSH—The well known Long White English Vegetable Marrow. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 70c; $\frac{1}{2}$ lb., \$1.20; lb., \$2.00, postpaid.

557 VEGETABLE MARROW, LONG WHITE TRAILING—Fruits larger and a more abundant cropper. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 70c; $\frac{1}{2}$ lb., \$1.20; lb., \$2.00, postpaid.

559 MAMMOTH WHALE—Fruit 2 to 3 feet long; skin gray green; flesh orange-yellow. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; $\frac{1}{2}$ lb., 90c; lb., \$1.50, postpaid.

Spinach

555 BLOOMSDALE or SAVOY—Very early and hardy and one of the best for market and canning. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 30c; lb., 50c, postpaid.

556 LONG-STANDING ROUND SEEDED—Slower growing than Bloomsdale; leaves very large and of good substance. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 35c; lb., 60c, postpaid.

540 NEW ZEALAND—Plant tall and spreading, with numerous side shoots; leaves medium green. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 90c, postpaid.

557 KING OF DENMARK—A recent introduction, and we believe it to be by far the best of the long-season varieties. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 30c; lb., 50c, postpaid.

Tomatoes

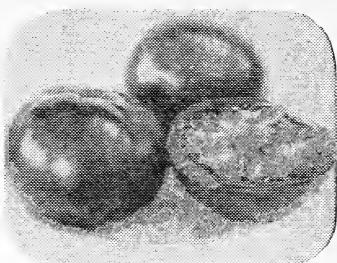
581 BONNIE BEST—A very early variety; fruits medium size; good market sort; free from hard core. Pkt., 5c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; $\frac{1}{2}$ lb., \$2.00; lb., \$3.50, postpaid.

582 CRIMSON CUSHION—The largest of the bright red colored Tomatoes; heavy cropper, of excellent quality. Pkt., 10c; oz., 65c; $\frac{1}{4}$ lb., \$1.75; $\frac{1}{2}$ lb., \$3.00; lb., \$5.50, postpaid.

583 DISCO EARLIANA—We believe the earliest and best Tomato in cultivation; unusually productive for an early sort; round, very smooth and solid; flesh of excellent quality. Pkt., 5c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; $\frac{1}{2}$ lb., \$2.00; lb., \$3.50, postpaid.

584 GOLDEN QUEEN—Beautiful golden yellow color; ripens early; produces a large, smooth, solid fruit. Pkt., 5c; oz., 50c; $\frac{1}{4}$ lb., \$1.50; $\frac{1}{2}$ lb., \$2.50; lb., \$4.00, postpaid.

585 JOHN BAER—Early, productive and of excellent quality. Pkt., 5c; oz., 30c; $\frac{1}{4}$ lb., \$1.00; $\frac{1}{2}$ lb., \$1.75; lb., \$3.25, postpaid.



583

586 PONDEROSA—An exceptionally large, purple fruited Tomato, one of the best for home use. Pkt., 10c; oz., 70c; $\frac{1}{4}$ lb., \$2.00; $\frac{1}{2}$ lb., \$3.50; lb., \$6.00, postpaid.

587 MARGLOBE—In our opinion, the best of three new disease-resistant varieties introduced under supervision of Dr. F. J. Fritchard of U. S. Department of Agriculture. Fruits are large, smooth and globular, meaty and almost coreless. Very productive, well adapted for truck growing, shipping and as a canning sort. Fruits are red; may be classed as a second early. Pkt., 10c; oz., 55c; $\frac{1}{4}$ lb., \$1.65; $\frac{1}{2}$ lb., \$2.75; lb., \$4.75, postpaid.

SMALL FRUITED VARIETIES

590 PEAR-SHAPED RED—Useful for preserves. Fruits distinctly pear-shaped, beautiful bright red color. Pkt., 5c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; $\frac{1}{2}$ lb., \$2.00; lb., \$3.50, postpaid.

591 PEAR-SHAPED YELLOW—Similar to the red variety with exception of color. Pkt., 5c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; $\frac{1}{2}$ lb., \$2.00; lb., \$3.50, postpaid.

592 RED CHERRY—Fruits very small, about the size of a large cherry; smooth and round; for preserves. Pkt., 10c; oz., 70c; $\frac{1}{4}$ lb., \$2.00; $\frac{1}{2}$ lb., \$3.50; lb., \$6.00, postpaid.

593 STRAWBERRY (Ground Cherry or Husk)—The true Golden Husk Tomato; esteemed for preserves. Pkt., 5c; oz., 45c; $\frac{1}{4}$ lb., \$1.40; $\frac{1}{2}$ lb., \$2.10; lb., \$3.75, postpaid.

594 YELLOW PLUM—A small yellow fruited variety, resembling a plum in size and form. Pkt., 5c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; $\frac{1}{2}$ lb., \$2.00; lb., \$3.50, postpaid.

Disco Earliana is a Wonderful Cropper.

Turnips

610 PURPLE TOP STRAP LEAVED—The most widely cultivated and best known variety on the American continent. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 40c; lb., 75c, postpaid.

611 PURPLE TOP WHITE GLOBE—Similar to above except perfect globe shape. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 40c; lb., 75c, postpaid.

612 WHITE EGG—An early, oval, or egg-shaped variety. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 40c; lb., 75c, postpaid.

SWEDEN or RUTABAGA.

614 DISCO SPECIAL GARDEN OR TABLE SWEDEN—Compact in top, with small, clean, neat, well-shaped roots, thick skin and sweet, tender flesh. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 40c; lb., 75c, postpaid.

FOR SPECIAL PRICES SEE COLORED SHEET OPPOSITE FRONT PAGE.

Disco Specialties in Sweet Peas for 1929

Instead of listing our Sweet Peas in alphabetical sequence under their generic classification, we list them by themselves. We do this because of the importance we attach to this beautiful race of flowers. Everybody loves Sweet Peas—they are so easily grown, and at the same time no other annual flower responds more readily to good cultivation and proper care. Our selection of varieties is excellent and represents the best in their respective colors.

New Standard Spencer Varieties



which compels admiration and attention from the expert or the novice, whether grown for exhibition or for garden decoration.

The plant is an exceptionally vigorous grower, and cannot but give satisfaction to everyone. Award of Merit, British National Sweet Pea Society, 1924. Pkt., 10c.

2228 DOREEN—Doreen is a huge, bright carmine Sweet Pea. It is much larger and brighter than all other carmine varieties we have tried. Pkt., 10c.

2229 CAMPFIRE—In Campfire we have the brightest scarlet sun proof Sweet Pea ever offered. It is the last word in vivid color, and stands out beside all other varieties in this class. The flowers will stand the hottest sunshine, in fact, the brighter the sun the better the color. Pkt., 10c.

2230 YOUTH—An exceptionally large and fragrant Sweet Pea. The color is white. Pkt., 10c.

2231 CRIMSON KING—The finest crimson Sweet Pea. The color is a solid, rich, deep, clear crimson throughout, becoming richer in the throat.

The strong, straight stems, 16 to 18 inches long, stand out well from the foliage and invariably carry more four fine blooms than three. Pkt., 10c.

New Early Flowering Varieties

2236 VULCAN—The brightest of all scarlets. Never burns or scalds. Stems are long, and the three or four blossoms are always gracefully spaced. None of the existing so-called scarlet varieties equal Vulcan in intensity of color. Pkt., 10c.

2237 SILVER BLUE—Vines do not vary in growth, retaining the true Early Flowering type of vines. For a light blue we feel that those growing Sweet Peas under glass will find Silver Blue a most satisfactory variety. Pkt., 10c.

2238 BLUE BOY—The largest and clearest blue we have seen in Early Flowering Spencers. The vine is of the true Early Flowering type, being entirely free from coarse plants. The individual flowers are very large, of a clear blue color. Pkt., 10c.

2239 SWEET LAVENDER—There is always room for a better lavender, and this new variety, we predict, will surpass anything in this group. Pkt., 10c.

2240 ORANGE KING—We take pleasure in introducing Early Orange King, a wonderful advance in early Sweet Peas. It is a beautiful glowing orange and practically sun proof. Pkt., 10c.

Disco Sweet Peas Standard Spencers

GIANT OR BUTTERFLY

Select List. Large Packets, 10c Each.

2010 BARBARA—Large salmon-orange.

2021 CHERUB—Cream edged rose.

2022 CONSTANCE HINTON—White; enormous size.

2030 DAINTY SPENCER—White, edged rose-pink.

2033 DEFIANCE—Large orange-scarlet; absolutely burnless.

2031 DOBBIE'S CREAM—Best primrose self.

2032 DON ALVAR—Large, light lavender.

2040 ELFRIKA PEARSON—Large shell-pink.

2051 FIERY CROSS—Bright red-orange-cerise

2060 GEORGE HERBERT—Bright rosy carmine.

2070 HELEN PIERCE—White mottled and marbled bright blue.

2071 HERCULES—Mammoth rosy pink.

2080 ILLUMINATOR—A glorious orange-salmon overlaid with cerise pink.

2100 KING EDWARD—Rich crimson self.

2101 KING MANOEL—Chocolate-maroon self

2102 KING WHITE—Best for Northwest.

2110 LORD NELSON—Dark blue.

2120 MARGARET A T L E E—Apricot-pink on cream ground.

2130 MARGARET MADISON—Lavender.

2131 MIRIAM BEAVER—Soft shell-salmon-pink on cream ground.

2121 MRS. CUTHBERTSON—Pink and white.

2123 MRS. HARDCASTLE SYKES—Blush pink.

2140 ORCHID—Lavender suffused pink.

2160 ROSABELLE—Bright rose; fine form.

2171 ROYAL PURPLE—Best purple variety.

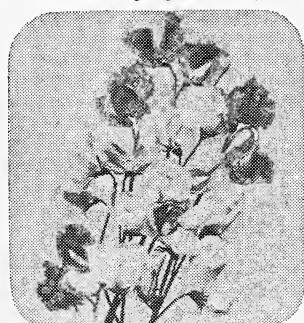
2180 SENATOR
—Claret and chocolate stripe on light heliotrope.

2191 THE PRESIDENT
—Orange scarlet.

2200 VERMILION BRILIANT—Scarlet.

2210 WARRIOR
—Chocolate and maroon.

2211 WEDGEWOOD
—Clear, azure blue.



FOR SPECIAL PRICES SEE COLORED SHEET OPPOSITE FRONT PAGE.

Disco Sweet Peas

New Early Flowering Long Season Spencer

The development and perfecting of this new race is destined, we believe, to increase the usefulness of this the most popular annual flower in the wide world.

The early varieties are admirably adapted for greenhouse work, for the Northwest, the fact that they will bloom about a month earlier is of inestimable value in view of the short seasons experienced.

2250 HEATHERBELL—A very pleasing color. Flowers large, borne in fours, stout stem. Pkt., 10c.

2255 MELODY—Exquisite rose pink on white ground, very similar to the famous Countess Spencer. Very free-flowering and a most attractive flower. Pkt., 10c.

2260 MORNING STAR—A very popular flower; the standard. A deep orange-scarlet and the wings a rich orange-pink; large flowers, three and four on a stem. Pkt., 10c.

2265 SNOWFLAKE—The best early white variety. Flowers large, of good substance and borne profusely. An excellent variety for market use. Pkt., 10c.

2270 SONGBIRD—Pale pink variety which is very desirable for cutting. Flowers borne on long stems, with mostly four large, well waved blossoms to each stem. Pkt., 10c.

Disco Choice Flower Seeds

Disco Choice Flower Seeds

Those marked "H. H. A." signify Half Hardy Annuals, sown in pots or boxes indoors and transplanted to their flowering quarters. Those marked "H. A.", Hardy Annuals, treated in same manner but may also be sown out-of-doors. Those marked "H. A. C." are Hardy Annual Climbers, either sown in pots or boxes and transplanted. Those marked "H. P." are Hardy Perennials, and those marked "H. B." are Hardy Biennials. Both may be planted indoors in the spring and transplanted. Half Hardy Perennials (H. H. P.) and Half Hardy Climbers (H. H. C.) should be sown indoors and transplanted in open ground when weather is favorable, and lifted in fall if intended to save during winter. "G. P." and "G. A." are Perennials and Annuals for decoration. Sown indoors and transplanted in pots.

2512 ALYSSUM—Benthami Sweet Alyssum, H. A., 4-inch; edging. Pkt., 5c.

2524 AQUILEGIA—H. P., mixed double, 24 inch. Pkt., 10c.

2527 ASPARAGUS—Plumosus nanus, G. P., asparagus fern. Pkt., 25c.

2528 ASPARAGUS—Sprengerii, G. P. basket plant. Pkt., 15c.

ASTERS—H. H. A. Our selection is finest ever offered; easily grown; provide abundance of cut flowers. Pkt., 10c.

2531 Comet—Mixed, 18 inch.

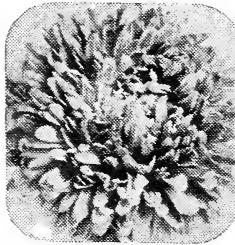
2534 Comet—Giant mixed, 18 inch.

2537 Dwarf Chrysanthemum—Mixed, 9 inch.

2539 Dwarf Victoria—Mixed, 9 inch.

2542 Sinensis—Mauve, 18 inch.

2543 Sinensis—Single original Chinese Aster; 18 inch.



2531

2275 SPRING MAID—A beautiful cream pink variety; very strong grower. Flowers large and vines quite floriferous; cream ground flushed rose-pink. Pkt., 10c.

2280 WEDGWOOD—A very telling flower. A beautiful blue color; quite distinct. Pkt., 10c.

2290 YARRAWA—Of Australian origin. The introduction of this variety really attracted more attention to this new strain than did the original or first variety. Color is bright rose-pink, with a clear creamy base, the wings being slightly lighter in color; large and beautifully waved. Pkt., 10c.

2295 EARLY FLOWERING MIXED—A choice mixture of the best of the early-flowering varieties. Pkt., 10c.

Disco Special Mixtures

2220 DISCO SPENCER or BUTTERFLY MIXTURE—Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c. A beautiful blend of 75 Spencers, including many new varieties. The choicest mixture to be had.

2225 DISCO GRANDIFLORA MIXTURE—Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c. A splendid assortment of finest colors, blended to harmonize and insure a fair proportion of all.

2548 AURICULA—H. P., Alpine mixed, 6 inch border strains. Pkt., 10c.

2559 BALSAM—Double Camellia-flowered, H. H. A., 24 inch. Pkt., 10c.

2561 BELLIS PERENNIS—H. P., 6 inch, double daisies. Pkt., 10c.

2568 CALENDULA—Officinalis, fl. pl. Meteor. H. A., 12 inch, Scotch Marigold, double. Pkt., 5c.

2566 CALCEOLARIA—G. A., 18 inch. Spotted. Blotched and self colored. Pkt., 25c.

2581 CANDYTUFT—H. A., mixed, extra choice. 12 inch, hardy annual, gives gorgeous display throughout season. Pkt., 5c.

CANTERBURY BELLS—H. P., an old-fashioned flower which everyone should have in their flower garden. Pkt., 10c.

2584 Single Mixed—30 inch.

2585 Double Mixed—30 inch.

CARNATION—H. P., double, beautiful flowers and very free bloomers.

2588 Rivera Market—24 inch. Pkt., 15c.

2589 Grenadin—Double, 18 inch. Pkt., 10c.

2590 Chaubaud's or Earliest French—24 inch. Pkt., 15c.

2591 Margarita—Semi-dwarf, mixed, 9 inch. Pkt., 10c.

CENTAUREA—Cyanus. Cornflower or Bachelor's Button. H. A. Pkt., 5c.

2632 Minor—Blue, 24 inch.

2633 Minor—Mixed, 24 inch.

CHRYSANTHEMUM—H. A. Splendid for cut flowers. Pkt., 5c.

2598 Coronarium—Mixed, double, 18 inch.

2604 Tricolor—Mixed, 18 inch.

2607 CINERARIA—Hybrida grandiflora, G. A. 18 inch. Pkt., 25c.

CLARKIA—Easily grown. H. A. Pkt., 5c.

2611 Elegans.

2614 Pulchella—Double, mixed, 24 inch.

2615 COBAEA—Scandens, mixed, H. H. C. Pkt., 10c.

Disco Choice Flower Seeds—Continued

2616 COCKSCOMB—Glasgow Prize, G. A., 12 inch. Pkt., 10c.

2617 COLEUS—(Flame Nettle). Mixed, G. P., 24 inch. Pkt., 10c.

2620 CONVOLVULUS—Minor, mixed, H. A., 12 inch; dwarf morning glory. Pkt., 5c.

2624 COSMOS—Mammoth Giant, mixed, H. H. A., 42 inch. Pkt., 5c.

2646 DAHLIA—H. H. P., choice double, 48 inch. Pkt., 10c.

2653 DIANTHUS—Chinensis, double, mixed, H. B., 12 inch. Pkt., 5c.

2661 DIGITALIS—Monstrosa, H. P., Giant Fox-glove, 56 inch. Pkt., 10c.

2674 ECHINOCYSTIS—Wild Cucumber, H. A. C., splendid for verandas. Pkt., 5c.

2685 ENCHSCHOLTZIA—California Poppies, H. A., 12 inch, mixed. Pkt., 5c.

2694 GERANIUM—Zoneale, choice, single mixed, G. P., 18 inch, delightful colors. Pkt., 25c.

GODETIA—Nothing can equal it for quickly producing a blaze of flowers: H. A. Pkt., 5c.

2705 MIXED—Tall varieties, 18 inch.

2706 Dwarf Varieties—12 inch.

2714 GYPSOPHILA—Elegans, alba, H. A., 18 inch, known as Baby's Breath. Pkt., 5c.

2730 HELIANTHUS—Globosus Fistulosus, H. A., 12 inch, lemon color. Pkt., 10c.

2733 HELICHRYSUM—Monster double mixed, H. A., 18 inch. Pkt., 5c.

2734 HELIOTROPIUM—Largest flowering giant mixed, G. P., 24 inch, Heliotrope or Cherry Pie Plant. Pkt., 10c.

2737 HOLLYHOCK—H. P., double, choice colors, 72 inch. Pkt., 10c.

2740 HUMULUS—Japanese Hop, a very rapid growing climber, H. A. C. Pkt., 5c.

2765 JACOBAEA—Dwarf double mixed, H. A., 20 inch, beautiful double flowers, useful for cutting. Pkt., 10c.

2767 KOCHIA—Tricophylla (Summer Cypress), H. A., 24 inch; the Mexican Fire Bush, beautiful foliage. Pkt., 5c.

2775 LANTANA—H. H. P., new Dwarf compact hybrids, 9 inch, splendid for pot plant, bloom outdoors all summer. Pkt., 10c.

LARKSPUR—H. A., beautiful annuals, succeed everywhere and give charming effects. Pkt., 5c.

2776 Tall Branching—Mixed, 12 inch.

2777 Double Tall Rocket—Mixed.

LUPINUS—H. A., Annual varieties, foliage and flowers make gorgeous display. Pkt., 5c.

2796 Annual Varieties—Mixed, 18 inch.

2801 Lupinus—Mixed, 30 inch.

MARIGOLD—H. H. A. Pkt., 10c.

2814 African Orange—24 inch.

2816 French Mixed—18 inch.

2827 MESEMBRYANTHEMUM—Crystallinum, H. H. A., Icicleplant easily grown, 3 inch. Pkt., 5c.

2828 MIGNONETTE—H. A., large flowering, 12 inch. Pkt., 5c.

NASTURTIUM—Very choice assortment of colors. The dwarf varieties are splendid for edgings of borders and the tall for covering unsightly corners or trellises.

2856 Tom Thumb Mixed—H. A., 12 inch. Pkt., 5c.

2860 Tall Mixed—H. A. C., fine for trellises. Pkt., 5c.

PANSY—A bed of Pansies in bloom always has something new for you in variety of color. H. P.

2881 Bugot's Giant—6 inch, beautiful, large flowers. Pkt., 10c.

2887 Mixed Colors—6 inch. Pkt., 5c.

2888 Trimardeau Giant—Mixed, 6 inch. Pkt., 10c.

2889 Disco Giant Mixture—A beautiful strain of Pansies. Will bloom in July or August, and can be kept through the winter if covered with a mulch of hay, straw or litter. Pkt., 10c.

2892 PELARGONIUM—Fancy, G. P., 18 inch. Pkt., 25c.



Zinnia 3034

2894 PERILLA—Nankinensis, H. A., 18 inch, beautiful wine colored foliage. Pkt., 10c.

PETUNIA—Nothing beats Petunias for giving a splendid show. H. H. P. Pkt., 10c.

2895 Giants of California—Mixed, 24 inch.

2899 Hybrida Grandiflora—Fringed, mixed, 24 inch.

PHLOX—Very pretty annuals, H. H. A. Pkt., 5c.

2901 Drummondii Grandiflora—Mixed, 12 inch.

2905 Mixed Varieties—6 inch.

2908 POPPY—Carnation flowered, H. A., mixed, choice double flowers, 24 inch. Pkt., 5c.

PORTULACA—H. H. A., forms masses of delicate green foliage, covered with bright colored flowers.

2916 Grandiflora—Large, 6 inch. Pkt., 5c.

2917 Grandiflora—Double mixed, 6 inch. Pkt., 10c.

2921 PRIMULA—Obconica grandiflora Hybrida.

G. P., 12 inch. Pkt., 15c.

2922 PRIMULA Sinensis—Finest mixed, G. P., 6 inch. Pkt., 25c.

2923 PRIMULA Sinensis—Double mixed, G. P., 6 inch. Pkt., 25c.

2926 PYRETHRUM roseum hybridum—H. P., double, 24 inch. Pkt., 10c.

2937 RHODANTHE Manglesii rose—H. H. A., 12 inch; useful everlasting. Pkt., 5c.

2952 SALPIGLOSSIS Grandiflora—Mixed, H. H. A., 24 inch. Pkt., 10c.

2963 SILENE Pendula compacta—Pink, H. A., 6 inch; charming for edging or rockeries. Pkt., 5c.

2979 STREPTOCARPUS—Choicest hybrids, G. P., 9 inch. Distinctive. Pkt., 15c.

2984 SWEET WILLIAM—Auricula eyed, H. P., 18 inch; splendid for cutting. Pkt., 10c.

3009 VERBENA—H. H. P., hybrida mammoth mixed, 6 inch. Pkt., 10c.

3014 VIOLETS—H. P., Odorata mixed, sweet Violets, 6 inch. Pkt., 10c.

ZINNIA—These do exceptionally well in the Northwest. Pkt., 10c.

3026 Elegans—Double, mixed, 24 inch.

3033 Elegans, Lilliput—Mixed, 12 inch.

3034 Disco Giant Dahlia-Flowered Zinnias—The latest development in Zinnias, bearing flowers of mammoth size and in form like a perfect decorative Dahlia. As a result of painstaking care and selection, the size, form and coloring have been much improved the past season. The mixture which we offer contains a wonderful range of

beautiful colors, 3 feet. Pkt., 10c.

THE BEST
INOCULATION
FOR ALL
LEGUME SEEDS



MEANS
BETTER CROPS,
BETTER SOILS,
LESS FERTILIZER
EXPENSE

FOR ALFALFA, CLOVER, BEANS, PEAS, VETCH, ETC.

STIMUGERM is a culture of bacteria put up on a sterilized finely ground, porous humus medium, in tins, which acts as a natural home for them. The bacteria are especially selected and bred for maximum vitality and ability to form nodules and take nitrogen from the air. STIMUGERM contains many millions of active, hardy legume bacteria, guaranteed to produce results.

STIMUGERM is economical and easy to use. Full directions for use accompany each package. STIMUGERM is dated and guaranteed for a full year.

When ordering be sure to specify crop and amount of seed you wish to inoculate.

PRICES ARE LOW. For small seeds—Clovers, Sweet Clovers, Alfalfa, etc.

1/4-bu. size.....	\$0.35	1 -bu. size.....	\$1.00
1/2-bu. size.....	.60	2 1/2-bu. size.....	2.25

Prices on Cultures for Large-Size Seeds—Soy Beans, Cowpeas, Beans, Vetches, etc.

1/2-bu. size.....	\$0.35	1-bu. size.....	\$0.60
2-bu. size.....	1.10	5-bu. size.....	2.25

Special Garden Size for Garden Peas, Beans, and Sweet Peas—25 cts.



ODORLESS
ECONOMICAL

STIM-O-PLANT

CONCENTRATED
EASY TO APPLY

THE MAGIC FERTILIZER IN TABLET FORM

Small size, 30 tablets.....	\$0.25	Large size (pail), 1,000 tablets (enough for sea-	
Medium size, 100 tablets....	.75	son's supply for medium-sized garden).....	\$3.50

Arcadian Sulphate of Ammonia

A nitrogenous fertilizer for the lawn, home garden, shrubs and house plants. Unequalled as the spring application for stimulating early, vigorous plant growth. This is the material that is being used with such remarkable results by the leading Golf Associations for producing velvety, weedless, putting greens and fairways. A highly concentrated plant food; guaranteed analysis 20.75% available nitrogen. 10 lbs. sufficient for 2500 square feet of lawn or garden. Complete directions in each bag. This product is dry, odorless, non-poisonous, non-inflammable. Can be shipped by parcel post. Price: 5-lb. bag, \$1.00; 10-lb. bag, \$2.00; 25-lb. bag, \$4.00.

Armour's Lawn and Garden Grower

You can have a better lawn, better flowers and better vegetables, if you use hardy, disease-free seed and the right plant food. Plants, like human beings, must receive the right nourishment.

ARMOUR'S LAWN AND GARDEN GROWER is a carefully blended mixture, rich in plant foods selected for their known value in favoring the growth of lawn grasses, producing bumper crops of early succulent vegetables and beautiful flowers. It is also excellent for shrubbery and trees. It is odorless, clean and may be sown by hand, like grass seed. Use 30 lbs. per 1,000 square feet. Prices: 5 lbs., 50c; 25 lb. bag, \$1.75; 50 lb. bag, \$3.00; 100 lb. bag, \$5.00.

We handle a complete line of Armour's Crop Fertilizers. Write for prices.



SEED DISINFECTANTS

Control Seed-borne Diseases of Farm Crops Stimulate Germination—Improve Stands—Generally Produce Increased Yields of Higher Quality

CERESAN

For Seed Treatment of Small Grains



Ceresan has proven effective in controlling such seed-borne diseases as bunt or stinking smut of wheat; stripe disease of barley; loose and covered smuts of barley and oats and covered kernel smut of sorghum. It is the only dust treatment which has successfully controlled these destructive grain diseases. Ceresan does not injure the seed nor the grain drill. Only 2 oz. of Ceresan required per bushel of wheat, rye or sorghum and 3 oz. for barley and oats. Easy to apply, economical to use.

Prices	
8 oz.....	.50
1 lb.....	.75
5 lbs.....	3.00
25 lbs.....	12.50
100 lbs.....	49.00
300 lbs.....	144.00

SEMESAN BEL

For Seed White and Sweet Potatoes



Simply mix, dip, drain, dry and your seed potatoes are ready for planting. Semesan Bel may be used on either whole or cut seed pieces. Semesan Bel effectively controls such seed-borne disease organisms as scab, rhizoctonia and black-leg. By controlling these diseases, germination is generally increased, stand improved and the resultant crop bigger and of better quality. One pound treats 16 to 20 bushels of seed. Du Bay Semesan succeeds the products sold as Du Pont Semesan Bel and Bayer Dipdust.

Prices	
4 oz.....	.50
1 lb.....	1.75
5 lbs.....	8.00
25 lbs.....	31.25
100 lbs.....	120.00
300 lbs.....	345.00

SEMESAN JR.

For Seed Field and Sweet Corn.

Semesan Jr. is especially effective in controlling seed-borne infections of diplodia, Gibberella and Basidiosporium, without harming the seed embryo in the least. Its use protects the seed from rotting in the ground and makes possible earlier planting which generally results in increased yields. Improved germination, better stands, control of certain diseases, increased yields are the benefits which thousands of farmers are reaping, at a cost of less than 3c an acre. 2 oz. per bushel of seed corn. Succeeds the products sold as Du Pont Semesan Jr. and Bayer Dust.



Prices	
4 oz.....	.50
1 lb.....	1.75
5 lbs.....	8.00
25 lbs.....	31.25
100 lbs.....	120.00
300 lbs.....	345.00

SEMESAN

For Flower and Vegetable Seeds



Prices	
2 oz.....	.50
1 lb.....	2.75
5 lbs.....	13.00
25 lbs.....	56.25
100 lbs.....	220.00
300 lbs.....	645.00

Semesan may be applied in dust or liquid form to the seed before planting. It is harmless to the seed but deadly to disease organisms that may be on the seed. Semesan is such a powerful and effective disinfectant that seed treatment with it is ridiculously low in cost, ranging from $\frac{1}{4}$ c to 1c per pound of seed. One ounce treats 15 pounds of seed. Effective in controlling damping off and such devastating gladiolus diseases as hard rot and scab. Du Bay Semesan succeeds the products sold as Du Pont Semesan and Bayer Ulupun.

Du Bay Seed Disinfectants, like many agricultural chemicals, are poisonous in nature and owing to present Postal Regulations cannot be sent through the mails but must be sent by express or freight.

Treat All Seeds Before Planting with Du Bay Disinfectants

Poultry Supplies and Sundry Requisites

We are headquarters for Poultry Supplies; also miscellaneous requirements for Farm and Garden. We have not space to give descriptions of our full line. Write us for prices on anything you require. Your inquiry will receive prompt and courteous attention.

"BABIE" CHICK FEEDER



Write us or call and get our prices on spraying material and equipment of all kinds, from hand sprayers to barrel sprayers with pressure tanks, mounted on wheels or used from wagon. Prices right. Book orders early and be prepared to spray and save the fruit, gardens and out buildings.

We always carry a stock of Tankage and Oil Meal of finest quality. Write for prices, stating quantity required.

Above prices are F. O. B. Mitchell, S. D., and subject to market changes.

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Bird Supplies 32	Egg Plant 22	Mignonette 29	Salsify 25
Broccoli 20	Endive 22	Millet 14	Seed Disinfectants 31
Brussels Sprouts 19	Eschscholtzia 29	Milo Maize 15	Silene 29
Buckwheat 13	Fertilizer 30	Mushroom Spawn 23	Soy Beans 13
Cabbage 20	Feterita 15	Muskmelon 23	Spelt or Emmer 16
Cabbage Plants 20	Field Beans 13	Mustard 23	Spinach 26
Calceolaria 28	Field Carrots 15	Nasturtium 29	Squash 26
Calendula 28	Field Peas 13	Oats 16	Stim-U-Germ 30
Candytuft 28	Flax 16	Okra 23	Stim-U-Plant 30
Cane 15	Flower Seeds 27-28-29	Onions 23-24	Streptocarpus 29
Canterbury Bells 28	Garden Tools 32	Onion Plants 24	Sudan Grass 14
Carnation 28	Geranium 29	Onion Sets 24	Sugar Beets 15
Carrots 20	Gladoli 18	Pansy 29	Sunflower 15
Cauliflower 21	Godetia 29	Parsley 24	Sweet Peas 27-28
Celery 21	Grasses 12	Parsnip 24	Sweet William 29
Centaurea 28	Gypsophila 29	Peanuts 24	Swiss Chard 20
Chrysanthemum 28	Helianthus 29	Peas 24-25	Tomatoes 26
Cineraria 28	Helichrysum 29	Pelargonium 29	Turnips 26
Clarkia 28	Heliotropium 29	Pepper 25	Vegetable Seeds 19-26
Clovers 5-6	Hollyhock 29	Perilla 29	Verbena 29
Cobaea 28	Humulus 29	Petunia 29	Violets 29
Cockscomb 29	Jacobaea 29	Phlox 29	Watermelon 23
Coleus 29	Kaffir Corn 15		Wheat 16
			Zinnia 29

CYCLONE SEEDER

The Cyclone has a national reputation as a High-Grade Seed Sower. It is built, not for cheapness, but for durability and accurate work. Scatters seed evenly both sides and may be quickly adjusted for different seeds. No waste of seed. Just the thing for sowing all kinds of clover and grass seed, millet, rape and even grain. Price, reduced, \$2.00; by mail, \$2.25.



POULTRY PUNCHES, 25c each, postpaid.

PLANET JR. GARDEN TOOLS

Write for special catalog.

	Lb.	Lbs.
CORN FOR POPPING.....	\$0.10	\$9.00

BIRD SEED—Finest recleaned. Hemp, per lb., 15c; Canary, per lb., 15c; Bird Millet, per lb., 10c; Parrot Food, per lb., 10c; Bird Rape, per lb., 15c; DISCO Bird Mixture, per lb., 15c. Postage extra.

INCUBATOR THERMOMETERS, \$1.00 each, postpaid.

Disco

ORDER SHEET

Date..... 1929.

Dakota Improved Seed Co., Mitchell, So. Dakota

Gentlemen: Please send the following seeds subject to the guarantee and conditions of sale given in the DISCO Seed Book.

Name _____ Mr., Mrs. or Miss. Please write distinctly.

P. O. _____ State _____

R. D. P. O. Box or Street No.....

By _____ State here if wanted by FREIGHT, EXPRESS or MAIL.

Nearest Railway Station.
if different from P. O.

Is there a freight agent at your railroad station?

If there is no freight agent at your shipping point, money must be sent with order to prepay the freight charges.

No. _____

Extra order forms mailed upon request.

TOTAL,

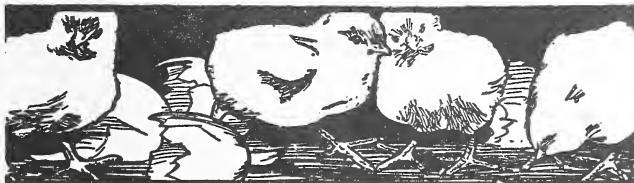
Be sure to give your Name and Address, and keep a copy of your order.

We will consider it a special favor if you write below the names of any of your friends who you think would like our catalog.

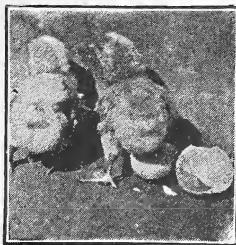
Name	Post Office	State

Any item ordered not in stock at Mitchell, but in stock at Emmetsburg, will be shipped from there and we will absorb any difference in freight.

Disco BABY CHICKS



Hatched from State Accredited and Inspected Flocks.



Full of Pep.

DATE OF SHIPPING AND ORDERING

It is sometimes an advantage to give first, second and third choice of variety. That is, in the event that you are not tied down to receiving one particular variety. This gives a little leeway, and sometimes enables us to serve you to better advantage. In every case your first choice will be sent, unless there is some real reason to give you either the second or third choice.

The date of shipment will of course, to some extent be governed by the weather conditions, but, provided that conditions are favorable, we will start shipping early in March, and continue through April, May and June. We book orders at any time for future delivery, and strongly urge upon you the desirability of placing your order early. You have everything to gain and nothing to lose by placing your order early, as orders will be filled in rotation, and the early orders naturally will receive best attention. It will help you, and it will also help us. In fact, so appreciative are we of the early orders that to encourage early ordering on all orders placed before March 1st, we will give ten extra chicks free of charge with each 100 ordered.

GUARANTEE

1. We guarantee 100% live delivery of Disco Baby Chicks to your postoffice or express office.

2. We guarantee that all Disco Baby Chicks are from pure bred flocks that are state inspected and accredited.

3. We guarantee that there will not be any substitution of breeds in filling orders for Disco Baby Chicks unless you give us second or third choice.

4. We guarantee to protect all customers of Disco Baby Chicks against advancing prices. We also agree to give each customer the benefit of any price reduction that occurs between the time his order is filed and the time the chicks are delivered.

Price List of Baby Chicks

List of Breeds of Baby Chicks We Can Supply with Prices for Delivery In March and April.

For delivery in May deduct \$1.00 per hundred from these prices, and for delivery in June deduct \$2.00 per hundred.

Breed	25	50	100	500	1000
S. C. White Leghorns	\$ 3.50	\$ 6.25	\$12.00	\$57.50	\$110.00
S. C. Brown Leghorns	3.50	6.25	12.00	57.50	110.00
R. C. Brown Leghorns	3.75	7.00	13.00	62.50	120.00
S. C. Buff Leghorns	3.75	7.00	12.00	62.50	120.00
S. C. Mottled Anconas	3.75	7.00	12.00	62.50	120.00
White Wyandottes	4.50	8.50	16.00	77.50	150.00
Silver Laced Wyandottes	4.50	8.50	16.00	77.50	150.00
Light Brahmans	5.00	9.50	18.00	87.50	170.00
S. C. Rhode Island Reds	4.25	8.00	15.00	72.50	140.00
R. C. Rhode Island Reds	4.25	8.00	15.00	72.50	140.00
Barred Plymouth Rocks	4.25	8.00	15.00	72.50	140.00
White Plymouth Rocks	4.25	8.00	15.00	72.50	140.00
Buff Plymouth Rocks	4.25	8.00	15.00	72.50	140.00
White Minorcas	4.50	8.50	16.00	77.50	150.00
Black Minorcas	4.50	8.50	16.00	77.50	150.00
Buff Orpingtons	4.50	8.50	16.00	77.50	150.00
White Orpingtons	4.50	8.50	16.00	77.50	150.00
Black Jersey Giants	6.00	11.00	20.00	....	....
Assorted Mixed Heavy	Not less than 100 of Mixed	12.00
Assorted Mixed Light	Heavy and Light Shipped	10.00

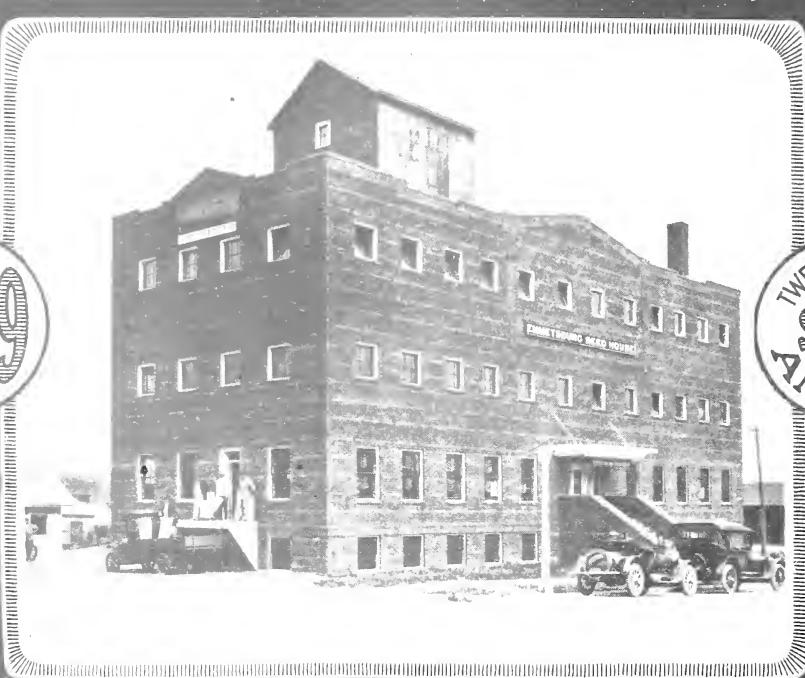


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EMMETSBURG (BRANCH)

1929



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DAKOTA IMPROVED SEED CO.

BREEDERS AND GROWERS OF PEDIGREED FARM AND GARDEN SEED

Emmetsburg, Iowa